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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: **(www.wipo.int/scit/en/standards/standards.htm)**.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: **(www.wipo.int/scit/fr/standards/standards.htm)**.

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting **(www.strategis.ic.gc.ca/patentsorder)** or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web **(www.strategis.ic.gc.ca/brevetscommande)** ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,920,128 (Published April 4, 2017)

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,920,128 (Publié le 4 avril 2017)

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1792***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$269**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**269 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts.*

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail™* and *Xpresspost™* Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail ™* and *Xpresspost™* services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail ™* and *Xpresspost™* services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Service *Courrier recommandé MC* et *XpresspostMC* de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandéMC* et *XpresspostMC* de Postes Canada sont des établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandéMC* et *XpresspostMC* de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of May 16, 2017 contains applications open to public inspection from April 30, 2017 to May 6, 2017.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 16 mai 2017 contient les demandes disponibles au public pour consultation pour la période du 30 avril 2017 au 6 mai 2017.

Canadian Patents Issued

May 16, 2017

Brevets canadiens délivrés

16 mai 2017

[11] **2,367,432**
[13] C
[51] **Int.Cl. H04W 48/04 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SETTING A MODE OF OPERATION OF ELECTRONIC DEVICES**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE DEFINIR LE MODE DE FONCTIONNEMENT DE DISPOSITIFS ELECTRONIQUES**
[72] SABOT, GARY, US
[73] PAYPAL, INC., US
[85] 2001-10-29
[86] 2000-04-28 (PCT/US2000/011699)
[87] (WO2000/065865)
[30] US (60/131,867) 1999-04-28

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[11] **2,416,283**
[13] C
[51] **Int.Cl. A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 3/00 (2006.01)**
[25] EN
[54] **POLLEN POLYMIX PLANT BREEDING METHOD UTILIZING MOLECULAR PEDIGREE ANALYSIS**
[54] **PROCEDE DE REPRODUCTION DE PLANTES AU MOYEN DE PLUSIEURS MELANGES DE POLLEN METTANT EN OEUVRE UNE ANALYSE MOLECULAIRE DU PEDIGREE**
[72] LAMBETH, CLEMENTS C., US
[72] WHEELER, NICHOLAS C., US
[73] WEYERHAEUSER NR COMPANY, US
[85] 2003-01-16
[86] 2001-07-12 (PCT/US2001/021957)
[87] (WO2002/005628)
[30] US (09/618,307) 2000-07-18

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[11] **2,531,306**
[13] C
[51] **Int.Cl. H04W 88/06 (2009.01)**
[25] EN
[54] **WIRELESS MOBILE COMMUNICATION DEVICE WITH SERVICE SELECTION LOGIC**
[54] **DISPOSITIF DE COMMUNICATION MOBILE SANS FIL AVEC LOGIQUE DE SELECTION DE SERVICE**
[72] CHONG, JIMMY, CA
[73] BCE INC., CA
[86] (2531306)
[87] (2531306)
[22] 2005-12-22

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[11] **2,539,972**
[13] C
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) C07K 14/16 (2006.01) C12N 15/87 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **ANTISENSE COMPOUND AND METHOD FOR SELECTIVELY KILLING ACTIVATED T CELLS**
[54] **COMPOSE ANTISENS ET METHODE D'APOPTOSE SELECTIVE DE LYMPHOCYTES T ACTIVES**
[72] MOURICH, DAN V., US
[72] MOULTON, HONG MU, US
[72] HINRICHS, DAVID J., US
[72] IVERSEN, PATRICK L., US
[73] SAREPTA THERAPEUTICS, INC., US
[85] 2006-03-20
[86] 2004-09-23 (PCT/US2004/031586)
[87] (WO2005/030799)
[30] US (60/505,418) 2003-09-23

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[11] **2,553,751**
[13] C
[51] **Int.Cl. A61B 5/04 (2006.01) G01R 19/00 (2006.01) G01R 33/02 (2006.01)**
[25] EN
[54] **METHOD FOR SEPARATING MULTICHANNEL SIGNALS PRODUCED BY AC AND DC SOURCES FROM ONE ANOTHER**
[54] **PROCEDE DE SEPARATION DE SIGNAUX MULTICANAUX LES UNS DES AUTRES PRODUITS PAR DES SOURCES CA ET CC**
[72] TAULU, SAMU, FI
[72] KAJOLA, MATTI, FI
[72] SIMOLA, JUHA, FI
[73] ELEKTA AB (PUBL), SE
[85] 2006-07-18
[86] 2005-01-19 (PCT/FI2005/000038)
[87] (WO2005/067789)
[30] FI (20040070) 2004-01-19

[11] **2,558,387**
[13] C
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 24/08 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION METHOD AND APPARATUS FOR REPORTING TRAFFIC VOLUME MEASUREMENT INFORMATION TO SUPPORT ENHANCED UPLINK DATA TRANSMISSIONS**
[54] **PROCEDE ET APPAREIL DE COMMUNICATION SANS FIL PERMETTANT DE COMMUNIQUER DES INFORMATIONS DE MESURE DE VOLUME DE TRAFIC DESTINEES A SOUTENIR DES TRANSMISSIONS DE DONNEES MONTANTES AMELIOREES**
[72] ZHANG, GUODONG, US
[72] TERRY, STEPHEN E., US
[72] DICK, STEPHEN G., US
[73] INTERDIGITAL TECHNOLOGY CORPORATION, US
[85] 2006-08-31
[86] 2005-03-07 (PCT/US2005/007318)
[87] (WO2005/104461)
[30] US (60/557,974) 2004-03-31
[30] US (10/953,375) 2004-09-29

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[11] **2,564,956**
[13] C
[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 40/00 (2012.01)**
[25] EN
[54] **SYSTEMS, METHODS AND COMPUTER READABLE MEDIUM PROVIDING AUTOMATED THIRD-PARTY CONFIRMATIONS**
[54] **SYSTEMES, PROCEDES ET SUPPORT INFORMATIQUE LISIBLE PROCURANT DES CONFIRMATIONS AUTOMATISEES DE TIERS**
[72] FOX, CHARLES BRIAN, US
[73] CAPITAL CONFIRMATION, INC., US
[85] 2006-10-30
[86] 2005-03-22 (PCT/US2005/009488)
[87] (WO2005/111903)
[30] US (10/837,408) 2004-04-30

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[11] **2,567,293**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01) C12P 19/34 (2006.01) C12Q 1/48 (2006.01) G01N 33/566 (2006.01) G01N 33/574 (2006.01) C12N 15/18 (2006.01) C12N 15/54 (2006.01)**
[25] EN
[54] **METHODS FOR PREDICTION OF CLINICAL OUTCOME TO EPIDERMAL GROWTH FACTOR RECEPTOR INHIBITORS BY CANCER PATIENTS**
[54] **METHODES DE PREDICTION D'UN AVANTAGE CLINIQUE RELATIVEMENT A DES INHIBITEURS DU RECEPTEUR DE FACTEUR DE CROISSANCE EPIDERMIQUE POUR DES CANCEREUX**
[72] GARCIA, MARILEILA VARELLA, US
[72] BUNN, PAUL A., JR., US
[72] CAPPUZZO, FEDERICO, IT
[72] FRANKLIN, WILBUR A., US
[72] HIRSCH, FRED R., US
[73] THE REGENTS OF THE UNIVERSITY OF COLORADO, US
[85] 2006-11-20
[86] 2005-05-26 (PCT/US2005/018879)
[87] (WO2005/117553)
[30] US (60/575,789) 2004-05-27
[30] US (60/677,852) 2005-05-03

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[11] **2,568,017**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01)**
[25] EN
[54] **GENERATION OF PLANTS WITH ALTERED OIL CONTENT**
[54] **GENERATION DE PLANTES A TENEUR EN HUILE MODIFIEE**
[72] DAVIES, JOHN, US
[72] PETERS, SANDRA, US
[72] NG, HEIN TSOENG, US
[73] AGRIGENETICS, INC., US
[85] 2006-11-23
[86] 2005-05-26 (PCT/US2005/018918)
[87] (WO2005/118821)
[30] US (60/575,561) 2004-05-28

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[11] **2,569,275**
[13] C
[51] **Int.Cl. G01D 4/02 (2006.01) G01D 4/00 (2006.01) G01D 5/39 (2006.01) G01R 11/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MONITORING A VARIETY OF RESOURCE CONSUMPTION METERS**
[54] **DISPOSITIF ET METHODE DE CONTROLE D'UN CERTAIN NOMBRE DE COMPTEURS DE CONSOMMATION DE RESSOURCES**
[72] CARKNER, STEVE, CA
[73] BLUE LINE INNOVATIONS INC., CA
[86] (2569275)
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[54] **PROCEDE ET APPAREIL DE SUIVI DE DISPOSITIF INVASIF UTILISANT UN SIGNAL DE RYTHME D'ORGANE EMIS PAR DES CAPTEURS MPS**
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[54] **PEPTIDES DU PAPILLOMAVIRUS A TERMINAISON L2 N PERMETTANT D'INDUIRE DES ANTICORPS A NEUTRALISATION CROISEE LARGE**
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[72] LEMONOVICH, JOHN E., US
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[72] BOLCKMANS, KAREL JOZEF FLORENT, BE
[72] VAN HOUTEN, YVONNE MARIA, NL
[72] VAN BAAL, ADELMAR EMMANUEL, NL
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[72] SHI, XIAOHONG, US
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[72] ODE, TAKAYOSHI, JP
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[54] **COMPOSITION DE COULEUR DE REVETEMENT RENFERMANT UN SUBSTITUT DE LIANT D'ACRYLATE DE STYRENE**
[72] AHLGREN, JONNI, FI
[72] MATULA, ANTTI, FI
[72] TURKKI, TARJA, FI
[73] KEMIRA OYJ, FI
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[54] **PONT POUR CHEMIN DE CABLES**
[72] EWER, STEPHEN R., US
[73] HUBBELL INCORPORATED, US
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[54] **HIGH TEMPERATURE STABLE POLYELECTROLYTES HAVING BACKBONE AROMATIC GROUPS**
[54] **POLYELECTROLYTES STABLES A HAUTE TEMPERATURE AYANT DES GROUPES AROMATIQUES DE SQUELETTE**
[72] GOLDBACH, JAMES T., US
[72] COPENHAFER, JAMES E., US
[72] MOUNTZ, DAVID A., US
[72] GABOURY, SCOTT, US
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[54] **METHOD FOR THE TREATMENT OF A STREAM OF SUBSTANCES**
[54] **PROCEDE DE TRAITEMENT D'UN FLUX DE SUBSTANCE**
[72] KOSCHUH, WERNER, AT
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[54] **A METHOD OF REPAIRING LEAKAGE IN PIPELINES**
[54] **PROCEDE DE REPARATION DE FUITE DANS DES CANALISATIONS**
[72] PERSTNEV, SAMUEL, IL
[72] OUKHANOV, REONALD, IL
[73] CURAPIPE SYSTEM LTD., IL
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[54] **ANHYDRASES CARBONIQUES STABLES A LA CHALEUR ET LEUR UTILISATION**
[72] BORCHERT, MARTIN, DK
[72] SAUNDERS, PARIA, US
[73] NOVOZYMES A/S, DK
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[54] **ADAPTER PANEL WITH LATERAL SLIDING ADAPTER ARRAYS**
[54] **PANNEAU D'ADAPTATEURS PRESENTANT DES RESEAUX D'ADAPTATEURS COULISSANTS**
[72] SMRHA, MARK, US
[72] COBURN, HUTCH, US
[72] SJODIN, CHAD, US
[73] ADC TELECOMMUNICATIONS, INC., US
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[54] **DISPOSITIF DISTRIBUTEUR POUR RECIPIENTS PRESSURISES POUR L'APPLICATION D'UN REFRIGERANT CRYOGENIQUE**
[72] CITTERIO, MAURO, IT
[72] OTTANELLI, LUCIANO, IT
[73] SIXTEM LIFE S.R.L., IT
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[54] **COATED SEEDS AND METHODS OF MAKING COATED SEEDS**
[54] **GRAINES ENDUITES ET PROCEDES DE FABRICATION DE GRAINES ENDUITES**
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[72] LEWIS, GREGORY KEITH, US
[73] VAMTECH L.L.C., US
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[54] **TRAITEMENT DU TDAH ET D'AUTRES MALADIES IMPLIQUANT UNE INFLAMMATION**
[72] WALDO, RALPH E., US
[73] CONNECTED HEALTH SYSTEMS, LLC, US
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[54] **DISPOSITIF DIMPULSIONS D'ECOULEMENT POUR MOTEUR DE FORAGE**
[72] BUNNEY, LARRY RAYMOND, CA
[72] LISOWSKI, TREVOR NICHOLAS STANLEY, CA
[73] MCGILLIVRAY, MILES G., CA
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[54] **WATER SOLUBLE MAGNESIUM COMPOUNDS AS CLEANING AGENTS AND METHODS OF USING THEM**
[54] **COMPOSES AU MAGNESIUM SOLUBLES A L'EAU CONVENANT COMME AGENTS NETTOYANTS, ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] SMITH, KIM R., US
[72] BESSE, MICHAEL E., US
[72] TJELTA, BRENDA L., US
[72] SANDERS, LISA M., US
[72] OLSON, KEITH E., US
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[54] **APPAREIL ET PROCEDE DE REFROIDISSEMENT DE LA PAROI EXTERIEURE D'UN TUYAU**
[72] SUTTON, GERALD S., US
[72] KELLEY, DAVID J., US
[73] ADVANCED DRAINAGE SYSTEMS, INC., US
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[54] **IMPROVING FLOW RATE ACCURACY OF A FLUIDIC DELIVERY SYSTEM**
[54] **AMELIORATION DE DE LA PRECISION DU DEBIT D'UN DISPOSITIF DE PRODUCTION DE FLUIDE**
[72] GINGGEN, ALEC, CH
[72] BORK, TORALF, CH
[72] CRIVELLI, ROCCO, CH
[73] CODMAN NEURO SCIENCES SARL, CH
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[54] **A DEVICE PROVIDING BIOLOGICAL PROTECTION AGAINST THE ELECTROMAGNETIC WAVES EMITTED BY A MOBILE TELEPHONE**
[54] **DISPOSITIF ASSURANT UNE PROTECTION BIOLOGIQUE CONTRE LES ONDES ELECTROMAGNETIQUES EMISES PAR UN TELEPHONE MOBILE**
[72] MOURALI, CYRIL, FR
[72] PARIENTI, SERGE, FR
[72] SAILLARD, JOSEPH, FR
[72] CHAUVEAU, JANIC, FR
[72] BRUNET, MARC, FR
[72] COLLETTE, HENRI, FR
[73] DEPHASIUM LTD, GB
[73] NANTES UNIVERSITY, FR
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[54] **MILIEU PERMETTANT DE DETECTER ET DE DIFFERENCIER LES ENTEROCOQUES RESISTANT A LA VANCOMYCINE**
[72] DIMMER, STEPHEN, GB
[72] KLEIN, DAGMARA, GB
[73] OXOID LTD., GB
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[54] **MAGNETICALLY DEFORMABLE FERROFLUIDS AND MIRRORS**
[54] **FERROFLUIDES ET MIROIRS MAGNETIQUEMENT DEFORMABLES**
[72] BORRA, ERMANNO, CA
[72] DERY, JEAN-PHILIPPE, CA
[72] RITCEY, ANNA, CA
[72] SENKOW, STEPHANIE, CA
[73] UNIVERSITE LAVAL, CA
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[25] EN
[54] **METHOD AND SYSTEM FOR REAL TIME CLASSIFICATION OF EVENTS IN COMPUTER INTEGRITY SYSTEM**
[54] **SYSTEME ET PROCEDE DE CLASSEMENT DES EVENEMENTS EN TEMPS REEL POUR UN DISPOSITIF DE PROTECTION DE L'INTEGRITE D'UN ORDINATEUR**
[72] THORLEY, JEB STUART, CA
[72] FOSTER, JUSTIN ALEXANDER, CA
[73] TREND MICRO INCORPORATED, JP
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[54] **DISPOSITIF DE TRAITEMENT DE PLAIES UTILISANT LA PRESSION NEGATIVE**
[72] ERIKSSON, ELOF, US
[72] ALLISON, ROBERT W., US
[72] BAKER, CHRISTIAN, US
[73] APPLIED TISSUE TECHNOLOGIES LLC, US
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[54] **TELECOMMUNICATIONS CONNECTOR PANEL WITH INTERPORT CROSSTALK ISOLATION**
[54] **PANNEAU DE CONNEXIONS AVEC ISOLATION DE DIAPHONIE INTER-POINTS D'ACCES**
[72] ABUGHAZALEH, SHADI A., US
[72] DUPUIS, JOSEPH E., US
[72] KHAN, NAVED S., US
[72] GRIBBLE, CHRISTOPHER W., US
[72] O'CONNOR, DOUGLAS P., US
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[54] **ALERT AND WARNING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ALERTE ET D'AVERTISSEMENT**
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[73] CIRRUS SYSTEMS, LLC, US
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[54] **PROCEDE, APPAREIL ET SYSTEME POUR ASSUJETTIR DES MARCHANDISES**
[72] FRETT, JOHN W., US
[73] HOLLAND, L.P., US
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[54] **AGRAFEUSE CHIRURGICALE**
[72] WENCHELL, THOMAS, US
[72] COHEN, MATTHEW D., US
[73] TYCO HEALTHCARE GROUP LP, US
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[25] EN
[54] **SUPPRESSION OF RESISTANCE IN INSECTS TO BACILLUS THURINGIENSIS CRY TOXINS, USING TOXINS THAT DO NOT REQUIRE THE CADHERIN RECEPTOR**
[54] **ELIMINATION DE LA RESISTANCE D'INSECTES AUX TOXINES CRY DE BACILLUS THURINGIENSIS AU MOYEN DE TOXINES NE NECESSITANT PAS LE RECEPTEUR CADHERINE**
[72] PARDO-LOPEZ, LILIANA, MX
[72] TABASHNIK, BRUCE ELLIOT, US
[72] SOBERON-CHAVEZ, MARIO, MX
[72] BRAVO-DE LA PARRA, MARIA ALEJANDRA, MX
[73] UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO, MX
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[54] **THERMOSTABILISATION DE PROTEINES**
[72] WOODS, JAMES H., US
[72] LANDRY, DONALD, US
[72] MACDONALD, JOANNE, US
[72] STOJANOVIC, MILAN N., US
[72] SUNAHARA, ROGER K., US
[72] NARASIMHAN, DIWAHAR, US
[72] TESMER, JOHN J. G., US
[72] BRIM, REMY L., US
[73] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[25] EN
[54] **TRANSFORMER METER AND SYSTEM FOR USING SAME**
[54] **COMPTEUR DE TRANSFORMATEUR ET SON SYSTEME D'UTILISATION**
[72] DE BUDA, ERIC, CA
[73] GRID2020, INC., US
[85] 2010-01-08
[86] 2008-07-11 (PCT/CA2008/001284)
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[54] **HETEROCYCLIC COMPOUNDS AND USES AS ANTICANCER AGENTS**
[54] **COMPOSES HETEROCYCLIQUES ET UTILISATIONS COMME AGENTS ANTICANCEREUX**
[72] AN, HAOYUN, US
[72] XI, BIAO, US
[72] ABASSI, YAMA, US
[72] WANG, XIAOBO, US
[72] XU, XIAO, US
[73] ACEA BIOSCIENCES INC., US
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[54] **ANALYSE D'ACIDES NUCLEIQUES PAR PCR NUMERIQUE**
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[72] CHIU, ROSSA WAI KWUN, CN
[73] THE CHINESE UNIVERSITY OF HONG KONG, CN
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[72] WILLIAMS, TROY D., US
[73] CONTAINER STUFFERS, LLC, US
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[54] **SYSTEME DE DETECTION DE SECURITE DU TRANSIT**
[72] BONNEAU, WALTER C., JR., US
[72] MACKLIN, JON D., US
[72] ROBERTS, BRUCE D., US
[72] RAVENIS, JOSEPH V.J., II, US
[72] DEKOZAN, RAYMOND, US
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[54] **PLATE-FORME POUR PERSONNE DEBOUT DE FAUTEUIL ROULANT MOTORISE**
[72] CHAPMAN, JUDI, US
[73] THE 2001 BYRON L CHAPMAN AND JUDI A CHAPMAN REVOCABLE TRUST 3-5-01, US
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[54] **FOXM1 PEPTIDE AND MEDICINAL AGENT COMPRISING THE SAME**
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[73] MAGNA INTERNATIONAL INC., CA
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[54] **SYSTEME ET PROCEDE PERMETTANT DE FORMER DES BARBELURES SUR UNE SUTURE**
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[72] SCIRICA, PAUL, US
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[72] FIELDS, GREGORY J., CA
[72] KLASSEN, GERHARD D., CA
[72] FARID, MOHAMED, CA
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[54] **METHODES PERMETTANT DE TRAITER LA NEUROPATHIE OPTIQUE INDUITE PAR LA PRESSION, DE PREVENIR LA DEGENERESCENCE DES NEURONES ET DE FAVORISER LA SURVIE DES NEURONES PAR L'ADMINISTRATION D'ANTAGONISTES DE LINGO-1 ET D'AGONISTES DE TRKB**
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[72] FRIEH, MICHAEL, GB
[73] ACELL INDUSTRIES LIMITED, IE
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[72] JACKSON, DAVID CHARLES, AU
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[72] CHUA, BRENDON YEW LOONG, AU
[73] THE UNIVERSITY OF MELBOURNE, AU
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[72] CARIDIS, ANDREW A., US
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[73] HEAT AND CONTROL, INC., US
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[72] BARE, REX O., US
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[54] **METHODES ET SYSTEMES DE FABRICATION DE COMPOSITES EN THERMOPLASTIQUE RENFORCE ET PRODUITS CONNEXES**
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[72] BURGHARDT, THOMAS E., US
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[73] SUNTORY BEVERAGE & FOOD LIMITED, JP
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[72] PRAKASH, MANI N., US
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[72] BRANNAN, JOSEPH D., US
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[72] BENSI, GIULIANO, IT
[72] MARGARIT Y ROS, IMMACULADA, IT
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[72] ZHANG, JING, US
[72] SYLVAIN, CATHERINE, US
[72] SINGH, RAJINDER, US
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[72] CICERI, DANIELE, IT
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[72] RICOTTI, MAURIZIO, IT
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[54] **PROCEDE DE FABRICATION D'AU MOINS UN ELEMENT D'AUBE DE TURBINE EOLIENNE**
[72] STIESDAL, HENRIK, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **PROCEDE D'ENDUCTION DE SURFACES METALLIQUES AVEC UN AGENT DE PASSIVATION, AGENT DE PASSIVATION ET SON UTILISATION**
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[54] **TURBINE ET ENSEMBLE DE TURBINE**
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[54] **ENSEMBLE TURBINE BULBE-ALTERNATEUR**
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[73] FLEXIBLE STEEL LACING COMPANY, US
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[72] ROBINSON, RONNI L., US
[73] MCNEIL-PPC, INC., US
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[72] CHIPROOT, AVI, IL
[73] KRAUSZ INDUSTRIES DEVELOPMENT LTD., IL
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[72] MALKOWSKI, JAROSLAW T., US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **REGLAGE DU NIVEAU DE REMPLISSAGE D'UNE TASSE UTILISEE AVEC UN DISTRIBUTEUR DE BOISSON**
[72] SCHNYDER, FRANK, CH
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[54] **METHODES ET DISPOSITFS D'IDENTIFICATION ET DE CATEGORISATION DES UNITES REPARTIES**
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[73] PYRAMID MERIDEN INC., US
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[54] **PROCEDE POUR DETERMINER UN EMPLACEMENT A PARTIR DE DONNEES CODEES REPRESENTATIVES DE CELUI-CI**
[72] BASELAU, SVEN, DE
[72] PETZOLD, LARS, DE
[72] SCHAEFER, RALF-PETER, DE
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[72] KUNORI, SHUNJI, JP
[72] KOJIMA, YOZO, JP
[72] SHINODA, KATSUMI, JP
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[54] **PROCEDES POUR AMELIORER LA VIABILITE ET LA PRODUCTIVITE DANS UNE CULTURE CELLULAIRE**
[72] DORAI, HAIMANTI, US
[72] LY, CELIA, US
[72] SAUERWALD MCLAIN, TINA M., US
[73] JANSSEN BIOTECH, INC., US
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[54] **ENSEMBLE CATHETER A DEUX BRANCHES EQUIPE D'UNE LUMIERE DE BRANCHE LATERALE DYNAMIQUE**
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[72] CHALEKIAN, AARON, US
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[72] LIEN, KHOA, US
[72] WIGGINS, TAMIKA, US
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[72] SLEVA, MICHAEL, US
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[72] VILLARROEL, RANDOLPH P., CA
[73] MAGNA SEATING INC., CA
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[54] **PROCEDE POUR TRAITER DES PRODUITS, TELS QUE DES OEUFS MIS A INCUBER, AVEC UN COURANT DE GAZ CONDITIONNE, ET CHAMBRE CLIMATISEE POUR REALISER CE PROCEDE**
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[54] **METHODS AND SYSTEMS OF ANTENNA ENCODED EMISSION AND RECEPTION, INCLUDING FOR A RADAR**
[54] **PROCEDES ET SYSTEMES D'EMISSION CODEE ET DE RECEPTION ANTENNAIRES NOTAMMENT POUR RADAR**
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[73] ANTHEOP, FR
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[54] **ENSEMBLE DE COUVERCLE AVEC DISPOSITIF DE COMMUTATION ELECTRIQUE**
[72] WHITAKER, THOMAS ALAN, US
[72] SPITSBERG, YURI C., US
[73] EATON CORPORATION, US
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[72] HOWARD, PHILIP WILSON, GB
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[72] PETERSEN, JOHN G., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **PROCEDURE FOR MANUFACTURE OF A CALCIUM CARBONATE OR AN AQUEOUS SUSPENSION THEREOF, AND THEIR USES**
[54] **PROCEDURE DE FABRICATION DE CARBONATE DE CALCIUM OU D'UNE SUSPENSION AQUEUSE DE CELUI-CI, ET LEURS UTILISATIONS**
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[72] BURI, MATTHIAS, CH
[73] OMYA INTERNATIONAL AG, CH
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[54] **DISPOSITIF ET PROCEDE DE MISE EN OEUVRE D'UN STENT POUR L'IMPLANTATION**
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[73] CHEVRON ORONITE COMPANY LLC, US
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[72] SHARMA, RAMAN KUMAR, CA
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[54] **SYSTEME DE CONTROLE D'HYDRATE**
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[72] YANG, JINHAI, GB
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[73] HERIOT-WATT UNIVERSITY, GB
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[54] **CABLE OMBILICAL DESTINE A LA PRODUCTION D'HYDROCARBURES EN HAUTE MER**
[72] DEIGHTON, ALAN WILLIAM, GB
[72] WONG, SIU KIT JOE, GB
[73] TECHNIP FRANCE, FR
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[54] **NOX STORAGE MATERIALS AND TRAPS RESISTANT TO THERMAL AGING**
[54] **MATERIAUX DE STOCKAGE DE NOX ET PIEGES RESISTANT AU VIEILLISSEMENT THERMIQUE**
[72] HILGENDORFF, MARCUS, DE
[73] BASF SE, DE
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[25] EN
[54] **PROCESS TO PREPARE PRECIPITATED CALCIUM CARBONATE IMPLEMENTING LOW CHARGE ACRYLATE A/O MALEINATE-CONTAINING POLYMER**
[54] **PROCEDE DE PREPARATION DE CARBONATE DE CALCIUM PRECIPITE METTANT EN OEUVRE UN POLYMERE CONTENANT DE L'ACRYLATE ET/OU DU MALEINATE FAIBLE CHARGE**
[72] GANE, PATRICK ARTHUR CHARLES, CH
[72] BURI, MATTHIAS, CH
[72] POHL, MICHAEL, AT
[73] OMYA INTERNATIONAL AG, CH
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[54] **DATA STRUCTURE AND RECORDING MEDIUM, PLAYING DEVICE, PLAYING METHOD, PROGRAM, AND PROGRAM STORING MEDIUM**
[54] **STRUCTURE DE DONNEES, SUPPORT D'ENREGISTREMENT, DISPOSITIF ET PROCEDE DE REPRODUCTION, PROGRAMME ET SUPPORT DE STOCKAGE DE PROGRAMME**
[72] UCHIMURA KOUICHI, JP
[73] SONY CORPORATION, JP
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[54] **PREPARATION ADHESIVE CONTENANT DE LA SELEGILINE-CONTAINING**
[72] INOSAKA, KEIGO, JP
[72] AMEYAMA, SATOSHI, JP
[72] NAKAMURA, KOJI, JP
[72] SEKIYA, JUNICHI, JP
[73] FUJIMOTO CO., LTD., JP
[86] (2733633)
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[54] **SELEGILINE-CONTAINING ADHESIVE PREPARATION**
[54] **PREPARATION ADHESIVE CONTENANT DE LA SELEGILINE**
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[72] NISHIURA, ERI, JP
[72] NAKAMURA, KOJI, JP
[72] KAMIYAMA, MASASHI, JP
[72] MARUO, HIROKI, JP
[72] HOSAKA, KYOKO, JP
[72] HORI, MITSUHIKO, JP
[73] FUJIMOTO CO., LTD., JP
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[54] **SELEGILINE-CONTAINING ADHESIVE PREPARATION**
[54] **PREPARATION ADHESIVE CONTENANT DE LA SELEGILINE-CONTAINING**
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[72] AMEYAMA, SATOSHI, JP
[72] NAKAMURA, KOJI, JP
[72] INOSAKA, KEIGO, JP
[72] HORI, MITSUHIKO, JP
[73] FUJIMOTO CO., LTD., JP
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[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR MULTIPLEXING IONS IN MSN MASS SPECTROMETRY ANALYSIS**
[54] **PROCEDE, SYSTEME ET APPAREIL DE MULTIPLEXAGE D'IONS DANS UNE ANALYSE PAR SPECTROMETRIE DE MASSE MSN**
[72] LOBODA, ALEXANDRE V., CA
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
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[54] **APPAREILS, SYSTEMES ET PROCEDES PERMETTANT DE GERER UNE CIRCULATION DE LIQUIDE ASSOCIEE A UN SITE TISSULAIRE A L'AIDE D'UNE PRESSION REDUITE**
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[72] LI, MIN, US
[72] WANG, DAOLONG, US
[72] GUTIERREZ ROJAS, LIBARDO ANDRES, US
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[72] RYDER, NICHOLAS GEORGE ALFRED, CA
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[54] **PROCEDE ET APPAREIL DE TRANSMISSION D'UN SIGNAL D'ACCUSE DE RECEPTION/ACCUSE DE RECEPTION NEGATIF D'UNE DEMANDE AUTOMATIQUE DE REPETITION HYBRIDE DANS UN SYSTEME A PLUSIEURS ANTENNES**
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[72] SATO, TARO, JP
[72] KOHNO, YASUSHI, JP
[72] NOMURA, MASAHIRO, JP
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[73] ONYX THERAPEUTICS, INC., US
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[54] **SYSTEME ET PROCEDE D'AUTO-ALIGNEMENT POUR DETERMINATION DE POSITION A L'AIDE D'UNE SONDE DE CONTACT DISCRETE**
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[72] MURRAY, ANGELA JANET, GB
[73] THE UNIVERSITY OF BIRMINGHAM, GB
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[73] TRUE MANUFACTURING CO., INC., US
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[54] **PROCEDE D'AFFINAGE DE LINGOT DE CUIVRE COMPRENANT DE L'ANTIMOINE ET/OU DE L'ARSENIC**
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[72] LOEVGREN, MIKAEL, SE
[73] BOLIDEN MINERAL AB, SE
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[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE FIBROSE AORTIQUE COMPORTANT UN PEPTIDE INTESTINAL VASOACTIF (VIP) OU DES FRAGMENTS VIP FONCTIONNELS**
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[73] VECTUS BIOSYSTEMS PTY LTD, AU
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[54] **AGENCEMENT PERMETTANT DE NETTOYER AUTOMATIQUEMENT DES GOBELETS TRAYEURS D'UNE PLATE-FORME DE TRAITE ROTATIVE**
[72] ERIKSSON, JAN, SE
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[73] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
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[54] **PROCEDE ET MOULE POUR PRODUIRE DES NOYAUX FERROMAGNETIQUES DE MOTEURS ELECTRIQUES**
[72] CONFALONIERI, SERGIO, IT
[73] ERNESTO MALVESTITI S.P.A., IT
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[72] SYSE, HARALD, NO
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[73] REELWELL AS, NO
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[73] EXTENDAY IP LIMITED, NZ
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[54] **COMPOSITION PHARMACEUTIQUE ORALE AUTO-MICRO-EMULSIFIANTE DE MEDICAMENT HYDROPHILE ET SON PROCEDE DE PREPARATION**
[72] HSU, CHANG-SHAN, CN
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[72] WANG, JONG-JING, CN
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[54] **SYSTEMES, PROCEDES ET MATERIAUX POUR DELIVRANCE ET DECOLLEMENT A LA DEMANDE**
[72] IYER, PRADEEP, US
[72] ROZENBAOUM, EUGENE, US
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[54] **METHOD AND DEVICE FOR FEEDING A TURBINE ENGINE COMBUSTION CHAMBER WITH A CONTROLLED FUEL FLOW**
[54] **PROCEDE ET DISPOSITIF POUR ALIMENTER UNE CHAMBRE DE COMBUSTION DE TURBOMACHINE AVEC UN DEBIT DE CARBURANT REGULE**
[72] HODINOT, LAURENT GILBERT YVES, FR
[72] ISSERT, CELINE MARIE ANNE, FR
[72] MARLY, PASCAL LAURENT, FR
[73] SNECMA, FR
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[72] SWOPE, BRETTON, US
[72] ENGLAND, JUSTEN, US
[72] COLE, DAVID, US
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[54] **COPOLYMERES ASSOCIATIFS A GROUPES HYDROPHOBES**
[72] REICHENBACH-KLINKE, ROLAND, DE
[72] PFEUFFER, THOMAS, DE
[72] SCHMIDT, KATI, CN
[72] OSTROWSKI, THOMAS, DE
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[54] **PROCEDE ET APPAREIL D'EPANDAGE DE SEMENCES A PARTIR D'UNE SOURCE CENTRALE DANS LES UNITES DE DOSAGE DE SEMENCES D'UNE MACHINE D'ENSEMENCEMENT AGRICOLE**
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[73] CNH INDUSTRIAL CANADA, LTD., CA
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[72] ASOFSKY, MARK, US
[72] NEMES, TYLER, US
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[54] **FACILITATION DE LA TENUE DE RENCONTRES PONCTUELLES CONVOQUEES PAR LE TRUCHEMENT D'UN RESEAU DE MESSAGERIE INSTANTANEE**
[72] CHEN, HENRY YAO-TSU, CA
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[54] **INSTALLATION DE LAMINAGE DE TUBE**
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[72] PALMA, VINCENZO, IT
[72] GHISOLFI, MARCO, IT
[72] ZANELLA, GUIDO EMILIO, IT
[72] GRASSINO, JACOPO, IT
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[54] **PROCESS FOR THE EXTRACTION OF HYDROCARBONS FROM OIL SANDS AND OIL SHALE**
[54] **PROCEDE D'EXTRACTION D'HYDROCARBURES A PARTIR DE SABLES PETROLIFERES ET DE SCHISTES BITUMINEUX**
[72] DELBIANCO, ALBERTO, IT
[72] DE GHETTO, GIAMBATTISTA, IT
[73] ENI S.P.A., IT
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[54] **PROCEDE DE MODIFICATION DE LA RHEOLOGIE D'UNE RESINE THERMOPLASTIQUE**
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[73] NOVA CHEMICALS INC., US
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[54] **PROCEDE DE REALISATION D'UN PROFILE DE FIBRES EN MATERIAU COMPOSITE AYANT UNE SECTION EN DEMI TETE DE CLOU OU EN TETE DE CLOU**
[72] BLOT, PHILIPPE, FR
[72] LANNUZEL, MATHIEU, FR
[72] VINOT, PASCAL, FR
[73] AIRBUS OPERATIONS SAS, FR
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[54] **TRANSMITTER APPARATUS, RECEIVER APPARATUS, COMMUNICATION SYSTEM, AND COMMUNICATION METHOD**
[54] **APPAREIL TRANSMETTEUR, APPAREIL RECEPTEUR, SYSTEME DE COMMUNICATION ET PROCEDE DE COMMUNICATION**
[72] NOGAMI, TOSHIZO, JP
[72] SHIMEZAWA, KAZUYUKI, JP
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[72] OH, WAHOH, JP
[73] SHARP KABUSHIKI KAISHA, JP
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[54] **SYSTEMES, DISPOSITIFS ET METHODES DE GESTION DE LA CIRCULATION**
[72] BUDD, MICHAEL L., SR., US
[72] SIMMONS, ROY D., JR., US
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[25] FR
[54] **METHOD FOR MANUFACTURING A FORGED PART WITH ADAPTIVE POLISHING**
[54] **PROCEDE DE FABRICATION D'UNE PIECE FORGEE AVEC POLISSAGE ADAPTATIF**
[72] CHOLET, STEPHANE, FR
[72] LAMAISON, BERTRAND, FR
[72] MALASSIGNE, XAVIER, FR
[72] VILLANOVA, ARNAUD, FR
[73] SNECMA, FR
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[54] **PLANAR PROBE HEAD AND ULTRASONIC TESTING DEVICE AND METHOD FOR A COMPONENT**
[54] **PALPEUR PLAN AINSI QUE DISPOSITIF ET PROCEDE POUR LE CONTROLE D'UNE PIECE PAR ULTRASONS**
[72] KOCH, ROMAN, DE
[72] DE ODORICO, WALTER, DE
[72] HAASE, WOLFGANG, DE
[73] GE SENSING & INSPECTION TECHNOLOGIES GMBH, DE
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[54] **SYSTEME DE SUCCION SOUS-GLOTTIQUE**
[72] CUEVAS, BRIAN J., US
[72] CESA, JOSEPH A., US
[72] TEIXEIRA, SCOTT M., US
[72] SLEVA, MICHAEL, US
[72] HERSHEY, ADRIENNE A., US
[72] BARATIAN, STEPHEN A., US
[73] AVENT, INC., US
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[25] EN
[54] **BICYCLIC COMPOUND AND USE THEREOF FOR MEDICAL PURPOSES**
[54] **COMPOSE BICYCLIQUE ET UTILISATION DE CELUI-CI A DES FINS MEDICALES**
[72] KAMBE, TOHRU, JP
[72] MARUYAMA, TORU, JP
[72] YAMANE, SHINSAKU, JP
[72] NAKAYAMA, SATOSHI, JP
[72] TANI, KOUSUKE, JP
[73] ONO PHARMACEUTICAL CO., LTD., JP
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[54] **ROTARY SHEAR VALVE ASSEMBLY WITH HARD-ON-HARD SEAL SURFACES**
[54] **ENSEMBLE DE ROBINET ROTATIF A CISAILLEMENT POSSEDANT DES SURFACES DE JOINT DUR SUR DUR**
[72] TOWER, CHRISTOPHER R., US
[73] IDEX HEALTH & SCIENCE LLC, US
[85] 2012-01-05
[86] 2010-07-09 (PCT/US2010/041612)
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[54] **PARTICULATE COMPOSITION AND PHARMACEUTICAL COMPOSITION CONTAINING THE SAME**
[54] **COMPOSITION PARTICULAIRE ET COMPOSITION MEDICAMENTEUSE COMPRENANT CELLE-CI**
[72] KATO, YASUKI, JP
[72] ISHII, ATSUSHI, JP
[73] NANOCARRIER CO., LTD., JP
[85] 2012-01-18
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[54] **LOOSEFILL PACKAGE FOR BLOWING WOOL MACHINE**
[54] **EMBALLAGE EN VRAC POUR MACHINE DE LAINE DE SOUFFLAGE**
[72] EVANS, MICHAEL E., US
[72] JENKINS, TODD M., US
[72] SCHOENENBERGER, TIMOTHY M., US
[73] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[54] **ANTENNE A CHAMP FOCALISE POUR TRANSPONDEUR PASSIF DE CAPTEUR DE PRESSION DE PNEU A IDENTIFICATION RADIOFREQUENCE (RFID)**
[72] FINEFROCK, MARK D., US
[73] ELDEC CORPORATION, US
[85] 2012-01-25
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[54] **INJECTION NEEDLE ASSEMBLY AND DRUG INJECTION DEVICE**
[54] **ENSEMBLE AIGUILLE D'INJECTION ET DISPOSITIF D'INJECTION DE MEDICAMENT**
[72] YOKOTA, TAKAYUKI, JP
[72] IWASE, YOICHIRO, JP
[72] HISHIKAWA, YOSHINORI, JP
[72] TAKAHASHI, TSUKASA, JP
[73] TERUMO KABUSHIKI KAISHA, JP
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[86] 2010-09-17 (PCT/JP2010/066133)
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[54] **COATING COMPOSITIONS FOR GLASS SUBSTRATES**
[54] **COMPOSITIONS DE REVETEMENT POUR DES SUBSTRATS DE VERRE**
[72] STEWART, RAYMOND, US
[72] GRACE, SCOTT A., US
[72] POSTUPACK, DENNIS, US
[72] MATTOS, LOUIS, US
[72] SUBRAMANIAN, RAMESH, US
[72] EKIN, ABDULLAH, US
[72] MUBARAK, CHRISTOPHER R., US
[72] POHL, TORSTEN, DE
[72] STEWARD, STERLING L., US
[73] BAYER MATERIALSCIENCE LLC, US
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[25] FR
[54] **METHOD FOR OPERATING AT LEAST ONE AIR SEPARATION APPARATUS AND OXYGEN CONSUMPTION UNIT**
[54] **PROCEDE D'OPERATION D'AU MOINS UN APPAREIL DE SEPARATION D'AIR ET D'UNE UNITE DE CONSOMMATION D'OXYGENE**
[72] GUILLARD, ALAIN, FR
[72] ALLARD, NICOLAS, FR
[72] FRANC, PIERRE-ETIENNE, FR
[72] MOUSSAVI, HADI, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2012-02-14
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[25] EN
[54] **VIBRATIONAL FREQUENCY ADJUSTMENT DEVICE AND WATER FLOW TYPE ORAL CAVITY CLEANING DEVICE USING SAME**
[54] **DISPOSITIF D?AJUSTEMENT DE LA FREQUENCE VIBRATOIRE ET DISPOSITIF DE NETTOYAGE DE CAVITE ORALE DE TYPE A ECOULEMENT D?EAU UTILISANT CELUI-CI**
[72] WADA, YUKINORI, JP
[72] NISHIURA, MASAHIRO, JP
[73] SUNSTAR SUISSE SA, CH
[85] 2012-02-16
[86] 2010-08-09 (PCT/JP2010/063476)
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[25] FR
[54] **DUAL RF CHANNEL LINEARIZER CHANNEL AMPLIFICATION DEVICE, AND TELECOMMUNICATION SATELLITE COMPRISING SAID DEVICE**
[54] **DISPOSITIF AMPLIFICATEUR DE CANAL LINEARISEUR DOUBLE CHAINE RF ET SATELLITE DE TELECOMMUNICATION COMPORTANT CE DISPOSITIF**
[72] MOUCHON, GREGORY, FR
[72] MAYNARD, JEAN, FR
[72] RODRIGUEZ, RAOUL, FR
[72] JAUBERT, PIERRE, FR
[73] THALES, FR
[85] 2012-02-23
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[51] **Int.Cl. B66B 5/02 (2006.01) B66B 1/32 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR PREVENTING THE UNINTENDED MOVEMENT OF AN ELEVATOR CAR**
[54] **PROCEDE ET DISPOSITIF POUR PREVENIR LA DERIVE D'UNE CABINE D'ASCENSEUR**
[72] VIITA-AHO, TARVO, FI
[72] KAARTINEN, RAIMO, FI
[72] KANTOLA, JARI, FI
[73] KONE CORPORATION, FI
[85] 2012-02-16
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[25] FR
[54] **DEVICE FOR SUPPORTING A TURBINE RING, TURBINE HAVING SUCH A DEVICE, AND TURBINE ENGINE HAVING SUCH A TURBINE**
[54] **DISPOSITIF DE SUPPORT D'UN ANNEAU DE TURBINE, TURBINE AVEC UN TEL DISPOSITIF ET TURBOMOTEUR AVEC UNE TELLE TURBINE**
[72] MORAINES, CHRISTOPHE-OLIVIER, FR
[72] PARDO, FREDERIC PHILIPPE JEAN-JACQUES, FR
[73] TURBOMECA, FR
[85] 2012-02-29
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[25] EN
[54] **SIGNALING AND CHANNEL ESTIMATION FOR UPLINK TRANSMIT DIVERSITY**
[54] **SIGNALISATION ET ESTIMATION DE CANAL POUR UNE DIVERSITE DE TRANSMISSION DE LIAISON MONTANTE**
[72] BALIGH, MOHAMMADHADI, CA
[72] EBRAHIMI TAZEH MAHALLEH, MASOUD, CA
[72] JIA, MING, CA
[72] KHANDANI, AMIR, CA
[72] MA, JIANGLEI, CA
[72] XU, HUA, CA
[73] APPLE INC., US
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[54] **MULTIPLE CARRIER INDICATION AND DOWNLINK CONTROL INFORMATION INTERACTION**
[54] **INDICATION DE PORTEUSES MULTIPLES ET INTERACTION D'INFORMATIONS DE REGULATION DE LIAISON DESCENDANTE**
[72] CHEN, WANSHI, US
[72] LUO, TAO, US
[72] KHANDEKAR, AAMOD DINKAR, US
[72] MONTOJO, JUAN, US
[72] GAAL, PETER, US
[72] DAMNJANOVIC, JELENA M., US
[73] QUALCOMM INCORPORATED, US
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[25] EN
[54] **STRIP-TILL NO BUILD-UP BERM BUILDER BLADE FOR STRIP-TILL FARM IMPLEMENT**
[54] **LAME DE BERME DE LABOURAGE POUR ACCESSOIRE AGRAIRE DE LABOURAGE**
[72] KNOBLOCH, DEAN A., US
[72] SCHMIDT, RODNEY L., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2774065)
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[25] EN
[54] **LAYING AND PROTECTING CABLE INTO EXISTING COVERING SURFACES**
[54] **DEPOSE ET PROTECTION DE CABLE DANS DES SURFACES DE RECOUVREMENT EXISTANTES**
[72] MILLER, DANIEL PAUL, US
[73] CERTUSVIEW TECHNOLOGIES, LLC, US
[85] 2012-03-21
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[25] EN
[54] **SYSTEM AND ASSOCIATED NFC TAG USING PLURALITY OF NFC TAGS ASSOCIATED WITH LOCATION OR DEVICES TO COMMUNICATE WITH COMMUNICATIONS DEVICE**
[54] **SYSTEME ET ETIQUETTE NFC ASSOCIEE UTILISANT UNE PLURALITE D'ETIQUETTES NFC ASSOCIEES A UN EMPLACEMENT OU A DES DISPOSITIFS POUR COMMUNIQUER AVEC UN DISPOSITIF DE COMMUNICATION**
[72] FYKE, STEVEN HENRY, CA
[72] GRIFFIN, JASON TYLER, CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-03-23
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[54] **METHOD AND SYSTEM FOR SENDING AND TRANSMITTING MBMS PAGING INDICATION SIGNALING**
[54] **PROCEDE ET SYSTEME D'ENVOI ET DE TRANSMISSION DE SIGNALISATION D'INDICATION D'APPEL DE SERVICE DE DIFFUSION/MULTIDIFFUSION MULTIMEDIA (MBMS)**
[72] MAO, LEI, CN
[72] MA, ZIJIANG, CN
[72] AI, JIANXUN, CN
[73] ZTE CORPORATION, CN
[85] 2012-03-26
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[25] FR
[54] **GAS TURBINE ENGINE AIR INTAKE IN A NACELLE**
[54] **ENTREE D'AIR DE MOTEUR A TURBINE A GAZ DANS UNE NACELLE**
[72] CHANEZ, PHILIPPE GERARD, FR
[72] MABBOUX, GAETAN JEAN, FR
[72] MINOT, PHILIPPE GILLES, FR
[72] VINCENT, THOMAS ALAIN CHRISTIAN, FR
[72] YVON, DIDIER JEAN-LOUIS, FR
[73] SNECMA, FR
[85] 2012-04-04
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[25] EN
[54] **ROLLING BEARING ARRANGEMENT**
[54] **AGENCEMENT DE PALIER DE ROULEMENT**
[72] GLOECKNER, PETER, DE
[72] KAISER, ANDREAS, DE
[73] SCHAEFFLER TECHNOLOGIES AG & CO. KG, DE
[85] 2012-04-04
[86] 2010-11-25 (PCT/EP2010/068176)
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[54] **PALLADIUM PRECURSOR COMPOSITION**
[54] **COMPOSITION DE PRECURSEUR AU PALLADIUM**
[72] WU, YILIANG, CA
[72] LIU, PING, CA
[73] XEROX CORPORATION, US
[86] (2778819)
[87] (2778819)
[22] 2012-05-30
[30] US (13/290,825) 2011-11-07
[30] US (13/153,856) 2011-06-06

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[51] **Int.Cl. B66B 5/02 (2006.01)**
[25] EN
[54] **METHOD IN CONNECTION WITH AN ELEVATOR SYSTEM, AND AN ELEVATOR SYSTEM**
[54] **PROCEDE PORTANT SUR UN SYSTEME D'ASCENSEUR ET SYSTEME D'ASCENSEUR**
[72] JOKINEN, RISTO, FI
[73] KONE CORPORATION, FI
[85] 2012-04-27
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[87] (WO2011/058219)
[30] FI (20096171) 2009-11-10

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[25] FR
[54] **ACOUSTIC CORE CAPABLE OF BEING INTEGRATED INTO A STRUCTURE**
[54] **NOYAU ACOUSTIQUE INTEGRABLE A UNE STRUCTURE**
[72] DUHAMEL, YVON, CA
[73] GESTION SOPREMA CANADA INC./HOLDING SOPREMA CANADA INC., CA
[86] (2780416)
[87] (2780416)
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[25] EN
[54] **ACID MODIFIED NATURAL MINERAL FILLER TO INITIALIZE THE BETA-NUCLEATION OF POLYPROPYLENE**
[54] **CHARGE MINERALE NATURELLE MODIFIEE PAR DE L'ACIDE POUR INITIALISER LA NUCLEATION BETA DU POLYPROPYLENE**
[72] KNERR, MICHAEL, CH
[72] BURI, MATTHIAS, CH
[72] GANE, PATRICK A. C., CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2012-05-14
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[25] EN
[54] **METHOD AND SYSTEM FOR RENEWABLE ENERGY STORE IN TEMPERATURE-PRESSURE TANK OF ENERGY AND CONVERSION TO ELECTRICAL ENERGY**
[54] **PROCEDE ET SYSTEME D'ACCUMULATION D'ENERGIE RENOUVELABLE DANS UN RESERVOIR DE TEMPERATURE/PRESSION D'ENERGIE ET CONVERSION EN ENERGIE ELECTRIQUE**
[72] IWANOWSKI, DARIUSZ KRZYSZTOF, PL
[73] IWANOWSKI, DARIUSZ KRZYSZTOF, PL
[85] 2012-05-17
[86] 2009-11-18 (PCT/PL2009/050035)
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[13] C
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[25] FR
[54] **COMPOSITE WHEEL, IN PARTICULAR FOR A CYCLE, AND METHOD FOR MANUFACTURING SUCH A WHEEL**
[54] **ROUE COMPOSITE, NOTAMMENT POUR UN CYCLE, ET PROCEDE DE FABRICATION D'UNE TELLE ROUE**
[72] MARTIN, PIERRE-JEAN, FR
[72] DUPONT, THOMAS, FR
[73] CORIMA, FR
[85] 2012-05-24
[86] 2010-11-17 (PCT/FR2010/052436)
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[54] **A PACK OF ORAL CARE ITEMS**
[54] **PAQUET D'ARTICLES DE SOINS BUCCAUX**
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[54] **3-(INDOLYL)- OR 3-(AZAINDOLYL)-4-ARYLMALEIMIDE COMPOUNDS AND THEIR USE IN TUMOR TREATMENT**
[54] **COMPOSES DE 3-(INDOLYL) OU 3-(AZAINDOLYL)-4-ARYLMALEIMIDE ET LEUR UTILISATION DANS LE TRAITEMENT DES TUMEURS**
[72] DANNHARDT, GERD, DE
[72] KRAMB, JAN-PETER, DE
[72] PLUTIZKI, STANISLAV, DE
[73] JOHANNES GUTENBERG-UNIVERSITAET MAINZ, DE
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[54] **FORCE MEASURING DEVICE FOR A BICYCLE**
[54] **DISPOSITIF DE MESURE DE LA FORCE POUR UN VELO**
[72] HSU, CHING-FENG, TW
[73] XU, HONG-JUN, CN
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[54] **ANTI-BUCKLING CONNECTING DEVICE FOR PIPING**
[54] **DISPOSITIF DE RACCORD ANTI-FLAMBAGE POUR TUYAUTERIES**
[72] COURPET, ALEXIS, FR
[72] BARRE, THOMAS, FR
[72] BOURBON, OLIVIER, FR
[72] BITEAU, MATTHIEU, FR
[72] ROQUES, JEAN-MARC, FR
[72] SABLE, CEDRIC, FR
[72] ESCANDE, SEBASTIEN, FR
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[54] **PORTABLE AND DISMOUNTABLE LOOP JACK, METHODS FOR ITS MANUFACTURING AND USES THEREOF**
[54] **CONNECTEUR DE BOUCLE PORTATIF ET DEMONTABLE, PROCEDES POUR SA FABRICATION ET UTILISATIONS DE CEUX-CI**
[72] KHIEU, VAN, CA
[72] PLAMONDON, ANDRE, CA
[73] KHIEU, VAN, CA
[73] PLAMONDON, ANDRE, CA
[86] (2783454)
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[54] **AN ANTENNA HAVING AN EMBEDDED RADIO DEVICE**
[54] **ANTENNE DOTEE D'UN DISPOSITIF RADIO INCORPORE**
[72] CHIRILA, LAURIAN PETRU, CA
[73] PSION INC., CA
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[54] **INTRAOCULAR LENS AND ASSOCIATED METHODS AND APPARATUS**
[54] **LENTILLE INTRAOCULAIRE ET METHODES ET APPAREIL ASSOCIES**
[72] ZHANG, XIAOXIAO, US
[72] YANG, YIN, US
[73] NOVARTIS AG, CH
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[54] **SOURCE D'ENERGIE INDETONANTE POUR ACTIONNER UN OUTIL SOUTERRAIN**
[72] STREIBICH, DOUGLAS J., US
[72] LANCASTER, MARK, US
[72] ROBERTSON, MICHAEL C., US
[73] ROBERTSON INTELLECTUAL PROPERTIES, LLC, US
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[54] **PUMPABLE GEOPOLYMERS COMPRISING A FLUID-LOSS AGENT**
[54] **GEOPOLYMERES POMPABLES COMPRENANT UN AGENT REDUCTEUR DE FILTRAT**
[72] PERSHIKOVA, ELENA, FR
[72] PORCHERIE, OLIVIER, FR
[72] KEFI, SLAHEDDINE, FR
[72] BOUBEGUIRA, YAMINA, FR
[72] ACHTAL, HAFIDA, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **METHODS AND ARRANGEMENTS FOR HTTP MEDIA STREAM DISTRIBUTION**
[54] **PROCEDES ET AGENCEMENTS POUR DISTRIBUTION DE FLUX MULTIMEDIA HTTP**
[72] PRIDDLE, CLINTON, AU
[72] LOHMAR, THORSTEN, DE
[72] GABIN, FREDERIC, FR
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **METHOD AND APPARATUS FOR PRODUCING A FILM WEB FROM THERMOPLASTIC MATERIAL AND FILM PRODUCED THEREBY**
[54] **METHODE ET APPAREIL DE PRODUCTION D'UNE PELLICULE A PARTIR DE MATERIAU THERMOPLASTIQUE ET PELLICULE AINSI PRODUITE**
[72] MEYER, HELMUT, DE
[72] HENNES, JOCHEN, DE
[73] REIFENHAEUSER GMBH & CO. KG MASCHINENFABRIK, DE
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[54] **A MASK FOR USE WITH A PATIENT UNDERGOING A SEDATED ENDOSCOPIC PROCEDURE**
[54] **MASQUE UTILISE SUR UN PATIENT SUBISSANT UNE PROCEDURE ENDOSCOPIQUE SEDATEE**
[72] BORODY, THOMAS JULIUS, AU
[73] BORODY, THOMAS JULIUS, AU
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[54] **SECURITY TECHNIQUES FOR DEVICE ASSISTED SERVICES**
[54] **TECHNIQUES DE SECURITE POUR SERVICES ASSISTES PAR DISPOSITIFS**
[72] RALEIGH, GREGORY G., US
[73] HEADWATER RESEARCH LLC, US
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[25] EN
[54] **WIRELESS MESH NETWORK USING PLURAL RADIO CHANNELS**
[54] **RESEAU MAILLE SANS FIL UTILISANT PLUSIEURS CANAUX RADIO**
[72] WILDEN, JASON JOSEPH, US
[72] GEOGHEGAN, MARK STEVEN, US
[72] LEXA, JEFFERSON DEAN, US
[72] ENGEL, DANIEL PAUL III, US
[73] S&C ELECTRIC COMPANY, US
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[54] **AN ASSEMBLY MADE UP OF A COVER AND OF A MOLDED ARTICLE INCLUDING A PLURALITY OF OVERMOLDED ELEMENTS HAVING HOOKS**
[54] **ASSEMBLAGE D'UN OBJET MOULE COMPORTANT UNE PLURALITE D'ELEMENTS A CROCHETS SURMOULES ET D'UN RECOUVREMENT**
[72] BILLARANT, FABRICE, FR
[72] WOODLING, MARC, FR
[73] APLIX, FR
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[54] **INFLATABLE PROSTHESES AND METHODS OF MAKING SAME**
[54] **PROTHESES GONFLABLES ET PROCEDES DE FABRICATION DE CELLES-CI**
[72] MANESIS, NICK, US
[72] CHITRE, KAUSTUBH S., US
[72] TRILOKEKAR, NIKHIL S., US
[72] STROUMPOULIS, DIMITRIOS, US
[72] POWELL, THOMAS E., US
[72] SCHUESSLER, DAVID J., US
[72] LESLIE, DUSTIN, US
[72] HARDERS, JAMES A., US
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[54] **CANNULA LINED WITH TISSUE IN-GROWTH MATERIAL AND METHOD OF USING THE SAME**
[54] **CANULE REVETUE DE MATERIAU DE CROISSANCE TISSULAIRE ET METHODE D'UTILISATION DE CETTE DERNIERE**
[72] FARNAN, ROBERT C., US
[72] MARSEILLE, OLIVER, DE
[73] CIRCULITE, INC., US
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[54] **METHOD, SYSTEM AND GROUP SERVER FOR SYNCHRONIZING OPERATIONS OF MULTIPLE GROUPS**
[54] **PROCEDE, SYSTEME ET SERVEUR DE GROUPE POUR DES OPERATIONS DE SYNCHRONISATION D'UNE PLURALITE DE GROUPES**
[72] ZHU, XI, CN
[72] ZENG, XIAOJUN, CN
[72] CHEN, SHUGEN, CN
[72] ZHANG, SHAN, CN
[72] LIN, CHAO, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
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[54] **ARC CHAMBER EMPLOYING A NUMBER OF GASSING INSERTS TO FORM A NUMBER OF GAS FLOW CIRCULATION PATHS AND ELECTRICAL SWITCHING APPARATUS INCLUDING THE SAME**
[54] **TUBE A ARC UTILISANT PLUSIEURS INSERTS D'APPORT DE GAZ POUR FORMER PLUSIEURS TRAJETS DE CIRCULATION D'UN FLUX DE GAZ ET APPAREIL DE COMMUTATION ELECTRIQUE LE COMPRENANT**
[72] ZHOU, XIN, US
[72] ROLLMANN, PAUL J., US
[72] BEATTY, WILLIAM E., JR., US
[72] MUELLER, ROBERT W., US
[73] EATON CORPORATION, US
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[54] **MAGNETICALLY POWERED RECIPROCATING ENGINE AND ELECTROMAGNET CONTROL SYSTEM**
[54] **MOTEUR ALTERNATIF A ALIMENTATION MAGNETIQUE ET SYSTEME DE COMMANDE D'ELECTROAIMANTS**
[72] MILES, STEPHEN, US
[72] CRISTOFORO, MICHAEL, US
[73] MAGNETIC MILES, LLC, US
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[54] **FLUID DISPENSING ORAL CARE IMPLEMENT**
[54] **INSTRUMENT DE SOINS BUCCODENTAIRES A DISTRIBUTION DE FLUIDE**
[72] JIMENEZ, EDUARDO, US
[72] BOYD, THOMAS, US
[72] KENNEDY, SHARON, US
[72] PATEL, MADHUSUDAN, US
[72] GATZEMEYER, JOHN, US
[72] MOSKOVICH, ROBERT, US
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[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **DEPARAFFINAGE DE GAZOLE RENOUVELABLE**
[72] HANKS, PATRICK L., US
[72] NOVAK, WILLIAM J., US
[72] OLIVERI, CHRISTOPHER G., US
[72] HILBERT, TIMOTHY LEE, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **ERGONOMIC MERCHANDISING SYSTEM**
[54] **SYSTEME DE MARCHANDISAGE ERGONOMIQUE**
[72] JOHNSON, TERRY J., US
[72] JOHNSON, TRAVIS OGDEN, US
[73] GAMON PLUS, INC., US
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[54] **AFFICHAGE DE L'INFORMATION PRIVEE A L'AIDE DE SEQUENCAGE DE CADRE ALTERNE**
[72] HIRSCH, ALEXANDER SAMSON, US
[72] DELUCA, MICHAEL JOSEPH, US
[73] BLACKBERRY LIMITED, CA
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[54] **METHODS AND LIPID COMPOSITIONS FOR PROMOTING DEVELOPMENT OF GUT FLORA**
[54] **PROCEDES ET COMPOSITIONS LIPIDIQUES POUR FAVORISER LE DEVELOPPEMENT DE LA FLORE INTESTINALE**
[72] BAR-YOSEPH, FABIANA, IL
[72] MANOR, YONATAN, IL
[72] COHEN, TZAFRA, IL
[72] GOREN, AMIT, IL
[72] LIFSHITZ, YAEL, IL
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[54] **PROCEDE ET DISPOSITIF DE TRANSFERT DE DECOUPES POUR BOITES D'EMBALLAGE**
[72] SAISON, PHILIPPE, FR
[72] BRUNEAU, THOMAS, FR
[72] MENEGAZZI, FRANCK, FR
[72] CLAUSS, YVES, FR
[72] DESERTOT, DIDIER, FR
[73] OTOR, FR
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[25] FR
[54] **METHOD FOR MAKING A COMPOSITE METAL PART HAVING INNER REINFORCEMENTS IN THE FORM OF FIBERS, BLANK FOR IMPLEMENTING SAME AND METAL PART THUS OBTAINED**
[54] **PROCEDE DE FABRICATION D'UNE PIECE METALLIQUE COMPOSITE A RENFORTS INTERNES EN FIBRES, PREFORME DE MISE EN OEUVRE ET PIECE METALLIQUE OBTENUE**
[72] MASSON, RICHARD, FR
[72] DUNLEAVY, PATRICK, FR
[72] FRANCHET, JEAN-MICHEL, FR
[72] KLEIN, GILLES, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[73] SNECMA, FR
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[54] **METHOD AND APPARATUS FOR MONITORING OF COMPONENT HOUSING WALL THICKNESS AND WEAR MONITORING**
[54] **PROCEDE ET APPAREIL POUR SURVEILLER L'EPAISSEUR DE LA PAROI D'UN CORPS DE CONSTITUANT ET POUR SURVEILLER L'USURE**
[72] SULLIVAN, JAMES MICHAEL, US
[72] FERNALD, MARK R., US
[73] CIDRA CORPORATE SERVICES INC., US
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[54] **CONVERTISSEUR CCHT HYBRIDE**
[72] TRAINER, DAVID, GB
[72] CANELHAS, ANDRE PAULO, GB
[72] DAVIDSON, COLIN CHARNOCK, GB
[72] BARKER, CARL DAVID, GB
[73] ALSTOM TECHNOLOGY LTD, CH
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[54] **CHAMBRE DE COMBUSTION DE TURBOMACHINE A COMPRESSEUR CENTRIFUGE SANS DEFLECTEUR**
[72] CORTES, THIERRY, FR
[73] SNECMA, FR
[85] 2012-09-21
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[54] **ORTHOGNATHIC IMPLANT AND METHODS OF USE**
[54] **IMPLANT ORTHOGNATHIQUE ET PROCEDES D'UTILISATION DE CELUI-CI**
[72] FURRER, ANDRE, CH
[72] ZILLIG, TIMO, CH
[72] METZGER, MARC CHRISTIAN, DE
[73] DEPUY SYNTHES PRODUCTS, INC., US
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[54] **CASSETTE, STATION DE TRAVAIL ET PROCEDE DE MARQUAGE DE CONTENANTS CONTENANT UN LIQUIDE**
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[73] TERUMO BCT, INC., US
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[72] MERTENS, WILFRIED, BE
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[72] TROKHAN, PAUL DENNIS, US
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[72] TEMEL, BURCIN, DK
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[72] GUPTA, VIVEK, US
[73] BLACKBERRY LIMITED, CA
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[72] CALILUNG, RYAN, US
[72] JANAVICIUS, JASON PAUL, US
[72] MORITZ, HANS, US
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[72] JUN, HAE-YOUNG, KR
[72] KWON, HYUK-CHOON, KR
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[72] EICKHOFF, HUBERTUS, DE
[72] LODE, FLORIAN, DE
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[72] MAYOR, THOMAS D., US
[73] THE BOEING COMPANY, US
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[72] BELELIE, JENNIFER L., CA
[72] CHOPRA, NAVEEN, CA
[72] DRAPPEL, STEPHAN V., CA
[72] TRACY, COREY L., CA
[72] ODELL, PETER G., CA
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[54] **PROCEDE D'INTERACTION DYNAMIQUE D'UNE HELICE SUPRACONDUCTRICE ECONOME EN ENERGIE AVEC UN MILIEU FLUIDE**
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[73] REMCO INTERNATIONAL, INC., US
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[54] **IMMUNOGLOBULINES PORTEUSES ET LEUR UTILISATION**
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[72] ARORA, TARUNA, US
[72] JACOBSEN, FREDERICK W., US
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[54] **INVERSION DE SOURCE SIMULTANEE POUR DONNEES DE FLUTE SISMIQUE MARINES PRESENTANT UNE FONCTION OBJECTIVE DE CORRELATION CROISEE**
[72] ROUTH, PARTHA S., US
[72] KREBS, JEROME R., US
[72] LAZARATOS, SYPRIDON, US
[72] BAUMSTEIN, ANATOLY, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2013-04-16
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[30] US (61/418,694) 2010-12-01
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[25] EN
[54] **SYSTEM AND METHOD FOR MAXIMIZING EFFICIENCY OF CALL TRANSFER SPEED**
[54] **SYSTEME ET PROCEDE POUR OPTIMISER L'EFFICACITE D'UNE VITESSE DE TRANSFERT D'APPEL**
[72] SOUNDAR, SENRAJ, US
[73] MICRO MACRO ASSETS LLC, US
[85] 2013-04-19
[86] 2011-10-21 (PCT/US2011/057317)
[87] (WO2012/054851)
[30] US (61/405,587) 2010-10-21

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[51] **Int.Cl. H04L 12/721 (2013.01) H04W 40/00 (2009.01) H04L 12/751 (2013.01)**
[25] EN
[54] **METHOD AND EQUIPMENT FOR DIFFUSING PSEUDOWIRE ROUTE**
[54] **PROCEDE ET DISPOSITIF DE DIFFUSION DE ROUTAGE A PSEUDO-CABLE**
[72] XU, WEIPING, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2013-04-22
[86] 2011-06-15 (PCT/CN2011/075749)
[87] (WO2012/055247)
[30] CN (201010526452.5) 2010-10-26

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[51] **Int.Cl. G01N 27/90 (2006.01)**
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[54] **REMOTE ENVIRONMENT INSPECTION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'INSPECTION D'ENVIRONNEMENT A DISTANCE**
[72] BOENISCH, ANDREAS, DE
[73] INNOSPECTION GROUP LIMITED, GB
[85] 2013-04-23
[86] 2010-11-12 (PCT/GB2010/051891)
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[54] **METHOD FOR IMPROVING HANDLEABILITY OF CALCIUM CARBONATE CONTAINING MATERIALS**
[54] **PROCEDE POUR L'AMELIORATION DU CARACTERE MANIPULABLE DE MATERIAUX CONTENANT DU CARBONATE DE CALCIUM**
[72] GANE, PATRICK A. C., CH
[72] BURI, MATTHIAS, CH
[72] BLUM, RENE VINZENZ, CH
[72] RENTSCH, SAMUEL, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2013-04-25
[86] 2011-10-19 (PCT/EP2011/068258)
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[30] EP (10189374.1) 2010-10-29
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[51] **Int.Cl. C09C 1/02 (2006.01)**
[25] FR
[54] **METHOD FOR PREPARING AQUEOUS SUSPENSIONS OF MINERAL MATERIALS USING AMINES IN COMBINATION WITH VINYL CARBOXYLIC POLYMERS**
[54] **PROCEDE DE PREPARATION DE SUSPENSIONS AQUEUSES DE MATIERES MINERALES AU MOYEN D'AMINES EN COMBINAISON AVEC DES POLYMERES VINYL-CARBOXYLIQUES**
[72] GANE, PATRICK A.C., CH
[72] BURI, MATTHIAS, CH
[72] RENTSCH, SAMUEL, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2013-05-01
[86] 2011-11-17 (PCT/IB2011/002724)
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[30] EP (10014783.4) 2010-11-19
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[51] **Int.Cl. B64D 45/00 (2006.01) B64C 25/00 (2006.01)**
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[54] **MECHANICAL POSITION INDICATOR FOR AN AIRCRAFT LANDING GEAR**
[54] **INDICATEUR DE POSITION MECANIQUE POUR TRAIN D'ATTERRISSAGE D'AERONEF**
[72] HODGKINSON, BEN, GB
[72] LACY, STUART, GB
[72] WEBB, CHRIS, GB
[72] ANSON, GARRY, GB
[73] MESSIER-DOWTY LIMITED, GB
[85] 2013-05-02
[86] 2011-11-09 (PCT/GB2011/052182)
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[25] EN
[54] **HYALURONIC ACID BASED FORMULATIONS**
[54] **FORMULATIONS A BASE D'ACIDE HYALURONIQUE**
[72] LEBRETON, PIERRE F., FR
[72] GUETTA, OLIVIER, FR
[73] ALLERGAN INDUSTRIE, SAS, FR
[85] 2013-05-03
[86] 2011-11-08 (PCT/EP2011/069685)
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[25] EN
[54] **MULTI-BAND CHANNEL CAPACITY FOR METER NETWORK**
[54] **CAPACITE DE CANAL MULTI-BANDE POUR RESEAU DE COMPTEURS**
[72] SANDERFORD, H. BRITTON, US
[73] SENSUS USA INC., US
[85] 2013-05-06
[86] 2011-12-21 (PCT/US2011/066518)
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[30] US (61/426,746) 2010-12-23

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[51] **Int.Cl. B60R 21/00 (2006.01) B60J 11/00 (2006.01)**
[25] EN
[54] **ROLLOVER PROTECTION STRUCTURE**
[54] **STRUCTURE DE PROTECTION CONTRE LE RETOURNEMENT**
[72] BHARDWAJ, SAHIL, CA
[72] SMITH, JACK R., CA
[73] BHARDWAJ, SAHIL, CA
[73] SMITH, JACK R., CA
[86] (2817469)
[87] (2817469)
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[51] **Int.Cl. A61B 5/0484 (2006.01)**
[25] EN
[54] **PERSONAL EEG MONITORING DEVICE WITH ELECTRODE VALIDATION**
[54] **DISPOSITIF DE CONTROLE D'ELECTRO-ENCEPHALOGRAMME PERSONNEL A VALIDATION D'ELECTRODES**
[72] KIDMOSE, PREBEN, DK
[72] UNGSTRUP, MICHAEL, DK
[72] RANK, MIKE LIND, DK
[73] T&W ENGINEERING A/S, DK
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[25] EN
[54] **JELLY CONFECTIONERY PRODUCTS HAVING A STABILIZER/FIBER BLEND**
[54] **CONFISERIES A BASE DE GELATINE CONTENANT UN MELANGE STABILISATEUR/FIBRE**
[72] SAVANT, VIVEK, US
[73] NESTEC S.A., CH
[85] 2013-05-17
[86] 2010-11-23 (PCT/US2010/057826)
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[51] **Int.Cl. B22F 1/00 (2006.01) B22F 3/10 (2006.01) C22C 21/00 (2006.01)**
[25] EN
[54] **ALUMINUM ALLOY POWDER METAL WITH HIGH THERMAL CONDUCTIVITY**
[54] **METAL PULVERULENT D'ALLIAGE D'ALUMINIUM A HAUTE CONDUCTIVITE THERMIQUE**
[72] HEXEMER, RICHARD L., JR., US
[72] DONALDSON, IAN W., US
[72] BISHOP, DONALD PAUL, CA
[73] GKN SINTER METALS, LLC, US
[85] 2013-05-28
[86] 2011-12-12 (PCT/US2011/064421)
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[25] EN
[54] **METHODS AND APPARATUS FOR MULTI-STAGE FIRE SUPPRESSION**
[54] **PROCEDE ET APPAREIL POUR LA SUPPRESSION D'INCENDIE MULTIETAGES**
[72] ECKHOLM, WILLIAM A., US
[72] SAMPSON, MATTHEW, US
[72] GAMBOA, RYAN, US
[73] FIRETRACE USA, LLC, US
[85] 2013-05-31
[86] 2012-01-10 (PCT/US2012/020726)
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[30] US (13/023,701) 2011-02-09

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[25] EN
[54] **PREDATOR DETERRENT**
[54] **SYSTEME ANTI-PREDATEURS**
[72] PYNE-CARTER, NATHAN EMMIT, GB
[72] LINES, JEFFREY ANDREW, GB
[73] ACE AQUATEC LTD., GB
[86] (2821050)
[87] (2821050)
[22] 2013-07-11
[30] GB (GB1212382.4) 2012-07-12
[30] GB (GB1306816.8) 2013-04-15

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[25] EN
[54] **ROOFING SHINGLE SYSTEM AND SHINGLES FOR USE THEREIN**
[54] **SYSTEME A BARDEAUX DE TOITURE ET BARDEAUX A DES FINS D'UTILISATION DANS CELUI-CI**
[72] LEITCH, OLAN, US
[73] BUILDING MATERIALS INVESTMENT CORP., US
[85] 2013-06-12
[86] 2012-06-22 (PCT/US2012/043889)
[87] (WO2013/095710)
[30] US (29/409,533) 2011-12-23
[30] US (29/409,532) 2011-12-23
[30] US (29/409,527) 2011-12-23
[30] US (29/409,522) 2011-12-23
[30] US (29/409,523) 2011-12-23
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[51] **Int.Cl. H04N 19/70 (2014.01) H04N 21/4147 (2011.01) H04N 19/196 (2014.01) H04N 19/46 (2014.01) H04N 5/956 (2006.01)**
[25] EN
[54] **METHOD OF PROCESSING A SEQUENCE OF CODED VIDEO FRAMES**
[54] **PROCEDE DE TRAITEMENT D'UNE SEQUENCE DE TRAMES VIDEO CODEES**
[72] NARAYANAN, MURALIDHARAN, IN
[72] DEL SORDO, CHRISTOPHER S., US
[72] MAHESWARAM, SURYA P., IN
[72] PANJE, KRISHNA PRASAD, IN
[72] SCHMITT, ERNEST G., US
[72] ZHANG, YAXI, US
[73] ARRIS ENTERPRISES LLC, US
[85] 2013-06-13
[86] 2011-12-15 (PCT/US2011/065008)
[87] (WO2012/087718)
[30] US (12/973,257) 2010-12-20

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[13] C
[51] **Int.Cl. A61F 2/94 (2013.01) A61F 2/07 (2013.01) A61F 2/844 (2013.01)**
[25] EN
[54] **BIASED ENDOLUMINAL DEVICE**
[54] **DISPOSITIF ENDOLUMINAL SOLLICITE**
[72] BUCKLEY, KYLE R., US
[72] PERKO, VINCENT L., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2013-06-13
[86] 2011-12-20 (PCT/US2011/065989)
[87] (WO2012/088017)
[30] US (61/425,882) 2010-12-22
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[51] **Int.Cl. H04R 9/02 (2006.01) H04R 1/02 (2006.01)**
[25] EN
[54] **LOW-PROFILE SPEAKER**
[54] **HAUT-PARLEUR A PROFIL BAS**
[72] NIEDERMANN, PAUL, US
[73] EAGLE ACOUTSICS MANUFACTURING, LLC, US
[85] 2013-06-21
[86] 2011-12-23 (PCT/US2011/067228)
[87] (WO2012/088518)
[30] US (61/426,973) 2010-12-23

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[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/14 (2014.01) H04N 19/176 (2014.01) H04N 19/50 (2014.01)**
[25] EN
[54] **INTRA BLOCK VIDEO CODING IN VIDEO WITH NEIGHBOURING INTER AND INTRA BLOCKS**
[54] **PROCEDES DE CODAGE ET DE DECODAGE D'IMAGE, PROCEDE DE TRAITEMENT DE DONNEES D'IMAGE ET APPAREIL CORRESPONDANT**
[72] LAI, CHANGCAI, CN
[72] LIN, YONGBING, CN
[72] ZHENG, XIAOZHEN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2013-07-11
[86] 2012-01-16 (PCT/CN2012/070404)
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[25] EN
[54] **HYBRID RECOMMENDATION SYSTEM**
[54] **SYSTEME DE RECOMMANDATION HYBRIDE**
[72] KIRKBY, STEPHEN DENIS, AU
[72] CHEW, THEAM YONG, AU
[72] BOUKIS, CHRISTOS, GR
[72] PASSALIS, GEORGIOS, GR
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2825498)
[87] (2825498)
[22] 2013-08-29
[30] EP (12 386 020.7) 2012-08-31
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[51] **Int.Cl. B01D 65/08 (2006.01) B01D 65/04 (2006.01)**
[25] EN
[54] **MEMBRANE TREATMENT METHOD USING ANTIFOULING PARTICLES**
[54] **METHODE DE TRAITEMENT DE MEMBRANE AU MOYEN DE PARTICULES ANTISALISSURES**
[72] VUONG, DIEM XUAN, US
[72] MOTHERWAY, MICHAEL, US
[72] ROTH, CURTIS, US
[73] ECONOPURE WATER SYSTEMS, LLC, US
[85] 2013-07-22
[86] 2011-02-03 (PCT/US2011/023637)
[87] (WO2011/097403)
[30] US (61/301,357) 2010-02-04
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[25] EN
[54] **PLATE-SHAPED WORKPIECE FORMING METHOD AND FORMED ARTICLE**
[54] **PROCEDE DE FORMATION DE PIECE SOUS FORME DE PLAQUE ET PIECE FORMEE**
[72] SUGAI, ATSUSHI, JP
[72] MATSUNAGA, YU, JP
[72] OGURA, DAISUKE, JP
[72] MORIMOTO, SHOICHI, JP
[72] ARIMA, MINORU, JP
[72] KANEDA, YUICHI, JP
[72] EGAMI, AKIHIKO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2013-07-24
[86] 2012-03-06 (PCT/JP2012/055725)
[87] (WO2012/132791)
[30] JP (2011-081189) 2011-03-31

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[51] **Int.Cl. C10G 47/00 (2006.01) C10G 2/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING HYDROCARBON OIL**
[54] **PROCEDE POUR PRODUIRE UNE HUILE HYDROCARBURE**
[72] IWAMA, MARIE, JP
[72] TASAKA, KAZUHIKO, JP
[72] TANAKA, YUICHI, JP
[73] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP
[73] INPEX CORPORATION, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
[73] JAPAN PETROLEUM EXPLORATION CO., LTD., JP
[73] COSMO OIL CO., LTD., JP
[73] NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD., JP
[85] 2013-08-01
[86] 2012-01-31 (PCT/JP2012/052149)
[87] (WO2012/105559)
[30] JP (2011-022916) 2011-02-04

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[13] C
[51] **Int.Cl. B64C 25/36 (2006.01) B64C 25/40 (2006.01)**
[25] FR
[54] **ASSEMBLY METHOD FOR A DRIVE UNIT IN AN AIRCRAFT WHEEL ON LANDING GEAR CARRYING THE WHEEL**
[54] **PROCEDE DE MONTAGE D'UN ORGANE D'ENTRAINEMENT DE ROUE D'AERONEF SUR UN ATTERRISSEUR PORTANT LA ROUE**
[72] REMOND, SEBASTIEN, FR
[72] CAMPBELL, EDOUARD, FR
[72] BLANPAIN, THIERRY, FR
[72] TOVAR, ALEXIS, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[86] (2826489)
[87] (2826489)
[22] 2013-09-05
[30] FR (12 58715) 2012-09-17

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[51] **Int.Cl. H02B 13/025 (2006.01) H02B 1/56 (2006.01)**
[25] EN
[54] **ARC-RESISTANT SWITCHGEAR ENCLOSURE WITH DOOR LATCH MECHANISM**
[54] **ENCEINTE D'EMBRAYAGE RESISTANT A L'ARC DOTE D'UN MECANISME DE VERROU DE PORTE**
[72] GINGRICH, PAUL W., US
[73] CENTRAL ELECTRIC COMPANY, US
[86] (2826952)
[87] (2826952)
[22] 2013-09-13
[30] US (13/648,598) 2012-10-10

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[51] **Int.Cl. H04L 12/24 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **DYNAMICALLY CONFIGURABLE ONLINE DATA UPDATE SYSTEM**
[54] **SYSTEME DE MISE A JOUR DE DONNEES EN LIGNE DYNAMIQUEMENT CONFIGURABLES**
[72] PASION, JASON A., US
[72] MYINT, ZEYA, US
[72] QIU, XIN, US
[72] WANG, FAN, US
[72] YAN, JOEL, US
[72] YAO, TING, US
[73] ARRIS ENTERPRISES LLC, US
[86] (2827175)
[87] (2827175)
[22] 2013-09-17
[30] US (61/702,203) 2012-09-17
[30] US (61/798,662) 2013-03-15
[30] US (14/028,507) 2013-09-16

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[13] C
[51] **Int.Cl. F26B 11/16 (2006.01) F26B 23/00 (2006.01)**
[25] EN
[54] **METHOD FOR DRYING WET PARTICULATE MATTER, WHEREIN THE DRIED PARTICULATE MATTER IS A WHITE MINERAL HAVING A BRIGHTNESS RY OF AT LEAST 65% THAT FORMS PARTICULATE MATTER THROUGH DRYING IN DIRECT SUPERHEATED STEAM DRYER**
[54] **PROCEDE DE SECHAGE D'UNE MATIERE PARTICULAIRE HUMIDE, LA MATIERE PARTICULAIRE SECHEE ETANT UN MINERAL BLANC PRESENTANT UNE LUMINOSITE RY D'AU MOINS 65 % QUI FORME UNE MATIERE PARTICULAIRE PAR LE BIAIS DU SECHAGE DANS UN SECHOIR A VAPEUR SURCHAUFFEE DIRECTE**
[72] BERGSET, OLAV, US
[72] CREMASCHI, ALAIN, FR
[72] GUTSCHE, ROBERT, CH
[72] HAUTCOEUR, LUDOVIC, FR
[73] OMYA INTERNATIONAL AG, CH
[85] 2013-09-30
[86] 2012-04-11 (PCT/EP2012/056494)
[87] (WO2012/140028)
[30] EP (11162729.5) 2011-04-15
[30] US (61/517,609) 2011-04-22

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[51] **Int.Cl. G01V 1/24 (2006.01) G01V 1/16 (2006.01) G01V 1/28 (2006.01)**
[25] EN
[54] **DETERMINING AN INDICATION OF WAVEFIELD VELOCITY**
[54] **DETERMINATION D'UNE INDICATION DE VITESSE DE CHAMP D'ONDES**
[72] EDME, PASCAL, GB
[72] MUYZERT, EVERHARD JOHAN, GB
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2013-10-03
[86] 2012-03-30 (PCT/US2012/031385)
[87] (WO2012/138553)
[30] US (61/471,363) 2011-04-04
[30] US (13/277,960) 2011-10-20

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[13] C
[51] **Int.Cl. E21B 47/10 (2012.01) E21B 43/26 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **METHODS OF EMPLOYING AND USING A HYBRID TRANSPONDER SYSTEM FOR LONG-RANGE SENSING AND 3D LOCALIZATION**
[54] **PROCEDES POUR EMPLOYER ET UTILISER UN SYSTEME TRANSPONDEUR HYBRIDE POUR LA DETECTION LONGUE PORTEE ET LA LOCALISATION 3D**
[72] SCHMIDT, HOWARD KHAN, SA
[72] AL-SHEHRI, ABDULLAH AWADH, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2013-10-03
[86] 2012-04-24 (PCT/US2012/034756)
[87] (WO2012/148890)
[30] US (13/093,963) 2011-04-26

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[51] **Int.Cl. B60L 5/24 (2006.01) B60L 9/18 (2006.01) B60L 11/02 (2006.01)**
[25] EN
[54] **TRANSPORT VEHICLE EQUIPPED WITH CURRENT COLLECTOR**
[54] **VEHICULE DE TRANSPORT A COLLECTEUR DE COURANT**
[72] TOJIMA, MASANORI, JP
[72] YAMASHITA, KOUICHI, JP
[72] SUDOU, TSUGIO, JP
[72] TAKEDA, KOJI, JP
[73] KOMATSU LTD., JP
[85] 2013-10-08
[86] 2012-05-09 (PCT/JP2012/061916)
[87] (WO2012/153782)
[30] JP (2011-105744) 2011-05-10

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[13] C
[51] **Int.Cl. E06B 9/58 (2006.01) E06B 9/08 (2006.01) B60J 5/14 (2006.01)**
[25] EN
[54] **DEFORMABLE GUIDE FOR A ROLLABLE DOOR, ROLLABLE DOOR GUIDING SYSTEM HAVING A DEFORMABLE GUIDE, AND DOOR USING THE SAME**
[54] **GUIDE DEFORMABLE POUR UNE PORTE ROULANTE, SYSTEME DE GUIDAGE DE PORTE ROULANTE COMPORTANT UN GUIDE DEFORMABLE ET PORTE UTILISANT CELUI-CI**
[72] MCTAVISH, DON, CA
[72] PALENCIA, JUAN, CA
[72] DELAND, DANIEL, CA
[73] INDOTECH INDUSTRIAL DOORS INC., CA
[86] (2833378)
[87] (2833378)
[22] 2013-11-18
[30] US (61/735,739) 2012-12-11

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[13] C
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[73] MICROCELL TECHNOLOGY CO., LTD., CN
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[54] **DISPOSITIF ET PROCEDE DE DOSAGE**
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[72] LINDER, VINCENT, CH
[72] PARVIZ, BABAK A., US
[72] SIEGEL, ADAM, US
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[54] **NOUVEAU PROCEDE ET NOUVEAUX INTERMEDIAIRES**
[72] GORE, VINAYAK G., IN
[72] GADAKAR, MAHESHKUMAR S., IN
[72] POKHARKAR, KIRAN S., IN
[72] WAKCHAURE, VIKAS S., IN
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[72] CHOI, SUK YOUNG, KR
[72] KO, YOUN KYUNG, KR
[72] SO, JIN EON, KR
[73] LG LIFE SCIENCES LTD., KR
[85] 2013-11-22
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[54] **ENSEMBLE ATTACHE POUR PLAFOND SUSPENDU**
[72] ST-LAURENT, ANDRE, CA
[72] GENDREAU, VINCENT, CA
[73] LES PLAFONDS EMBASSY INC., CA
[86] (2837410)
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[54] **SYSTEME DE LUTTE CONTRE LES EMISSIONS**
[72] MOORE, RANDALL P., US
[72] JACKSON, KEVIN, US
[72] BALOGA, STEPHEN, US
[72] CHEN, BOBBY I. T., US
[72] HALLEY, BERANI A. C., US
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[54] **SYSTEM AND METHOD FOR INTEGRATED ADSORPTIVE GAS SEPARATION OF COMBUSTION GASES**
[54] **SYSTEME ET PROCEDE DE SEPARATION ADSORPTIVE INTEGREE DE GAZ DE COMBUSTION**
[72] BOULET, ANDRE, CA
[73] INVENTYS THERMAL TECHNOLOGIES INC., CA
[85] 2013-12-16
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[54] **VACUUM PACKAGING APPLIANCE**
[54] **APPAREIL DE CONDITIONNEMENT SOUS VIDE**
[72] HAMMAD, JAMAL, US
[73] SUNBEAM PRODUCTS, INC., US
[85] 2013-12-17
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[54] **SYSTEME D'ALIMENTATION DE SECOURS POUR ASCENSEURS AVEC TRACTION**
[72] HALL, JAMES C., US
[73] REYNOLDS & REYNOLDS ELECTRONICS, INC., US
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[54] **METHOD AND APPARATUS FOR PROVIDING A CURRENT RETURN NETWORK IN AN AIRCRAFT STRUCTURE**
[54] **PROCEDE ET APPAREIL POUR FOURNIR UN RESEAU DE RETOUR COURANT DANS UNE STRUCTURE D'AERONEF**
[72] FOLTZ, GREGORY ALAN, US
[72] KAJITA, KIRK B., US
[72] GREGG, PAUL S., US
[72] DAY, ARTHUR C., US
[72] PIEHL, MARC J., US
[73] THE BOEING COMPANY, US
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[54] **A METHOD OF SLICKWATER FRACTURING**
[54] **PROCEDE DE FRACTURATION HYDRAULIQUE MASSIVE**
[72] SUN, HONG, US
[72] QU, QI, US
[72] STEVENS, RICHARD (DECEASED), US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-01-10
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[54] **ACTIONNEUR RESONANT POUR SOURCES DE LUMIERE A SEMI-CONDUCTEUR**
[72] SIMI, VICTOR, US
[73] OSRAM SYLVANIA INC., US
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[54] **BOISSON AU GOUT DE BIERE CONTENANT DE LA SAPONINE**
[72] TERANISHI, TAKESHI, JP
[72] MOTOHASHI, ITSUKI, JP
[72] KITSUKAWA, MAI, JP
[73] SUNTORY HOLDINGS LIMITED, JP
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[25] EN
[54] **CODING MOTION DEPTH MAPS WITH DEPTH RANGE VARIATION**
[54] **CODAGE DE CARTES DE PROFONDEUR DE MOUVEMENT AVEC DES PLAGES DE PROFONDEUR VARIABLES**
[72] CHEN, YING, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-01-20
[86] 2012-07-12 (PCT/US2012/046440)
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[54] **PRESSURE RELIEF TUBE FOR AUGER**
[54] **TUBE DE LIBERATION DE PRESSION POUR TARIERE**
[72] KOENIG, MARK E., US
[72] KOENIG, LARRY E., US
[73] KOENIG, MARK E., US
[73] KOENIG, LARRY E., US
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[54] **HEAT PUMP DEFROSTING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DEGIVRAGE DE POMPE A CHALEUR**
[72] WINTEMUTE, DAVID MARTIN, CA
[72] BELIVEAU, MATHIEU PHILIPPE, CA
[73] NORTEK AIR SOLUTIONS CANADA, INC., CA
[86] (2843987)
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[54] **PORTABLE SEQUENTIAL COMPRESSION DEVICE**
[54] **DISPOSITIF DE COMPRESSION SEQUENTIELLE PORTATIF**
[72] MIRZA, MANSOOR, US
[73] MIRZA, MANSOOR, US
[86] (2845474)
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[54] **SYSTEM AND METHOD FOR MONITORING AUTHENTICATION ATTEMPTS**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE TENTATIVES D'AUTHENTIFICATION**
[72] CASTELLUCI, RYAN, US
[72] GETTINGS, NATHAN, US
[72] BELKNAP, GEOFF, US
[73] PALANTIR TECHNOLOGIES, INC., US
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[54] **CATV VIDEO AND DATA TRANSMISSION SYSTEM WITH RF INPUT**
[54] **SYSTEME DE TRANSMISSION DE VIDEO ET DE DONNEES PAR CABLODISTRIBUTION A ENTREE RF**
[72] BOWLER, DAVID B., US
[72] GREENE, CLARK V., US
[72] HOLOBINKO, JOHN, US
[72] WHITE, GERARD, US
[72] MA, XINFA, US
[72] GU, SHAOTING, US
[72] HE, XIANG, US
[72] BU, VINCENT L., US
[72] HRIVNAK, LAWRENCE M., US
[72] HERSHEY, STEVEN H., US
[73] ARRIS ENTERPRISES LLC, US
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[54] **REFERENCE PICTURE LIST CONSTRUCTION FOR VIDEO CODING**
[54] **CONSTRUCTION DE LISTE D'IMAGES DE REFERENCE POUR CODAGE VIDEO**
[72] CHEN, YING, US
[72] WANG, YE-KUI, US
[73] QUALCOMM INCORPORATED, US
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[54] **HARDENING STEEL FOR LIFTING, FASTENING, CLAMPING AND/OR LASHING MEANS AND CONNECTING ELEMENTS, COMPONENT FOR LIFTING, FASTENING, CLAMPING AND/OR LASHING TECHNOLOGY, CONNECTING ELEMENT AND METHOD OF PRODUCTION THEREOF**
[54] **ACIER DURCISSABLE POUR MOYENS DE LEVAGE, D'ACCROCHAGE, DE SERRAGE ET/OU D'ARRIMAGE ET ELEMENTS DE LIAISON, ELEMENT DE CONSTRUCTION DE LA TECHNIQUE DE LEVAGE, D'ACCROCHAGE, DE SERRAGE ET/OU D'ARRIMAGE, ELEMENT DE LIAISON ET PROCEDE DE FABRICATION ASSOCIE**
[72] SINZ, ROLF, DE
[73] RUD KETTEN RIEGER & DIETZ GMBH U. CO. KG, DE
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[54] **ENSEMBLE PORTE DE DOUCHE A TRINGLERIE DE REGLAGE**
[72] WEI, WUXIANG, CN
[73] IDEAL SANITARY WARE CO., LTD., CN
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[54] **SYSTEM AND METHOD FOR THERMAL PROTECTION OF A UNIVERSAL LOAD CONTROL CABINET**
[54] **SYSTEME ET PROCEDE DE PROTECTION THERMIQUE D'UNE ARMOIRE DE COMMANDE DE CHARGE UNIVERSELLE**
[72] ZULIM, DALIBOR, US
[72] WESTRICK, RICHARD L., JR., US
[72] KING, RICK, US
[72] MULLINS, LESLIE, US
[73] ABL IP HOLDING LLC, US
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[54] **DRIVE-ON WATERCRAFT LIFT WITH ADJUSTABLE BUNKS**
[54] **DISPOSITIF DE LEVAGE D'EMBARCATION A VOIES DE ROULAGE, DOTE DE TRAVERSES AJUSTABLES**
[72] IMEL, DUSTIN, US
[72] STREIN, ADAM, US
[72] DOWNS, CURTIS, US
[72] GUTHRIE, DAN, US
[73] E-Z-DOCK, INC., US
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[54] **METHOD AND SYSTEM FOR RECOVERING OIL AND GENERATING STEAM FROM PRODUCED WATER**
[54] **PROCEDE ET SYSTEME POUR RECUPERER DU PETROLE ET GENERER DE LA VAPEUR A PARTIR D'EAU PRODUITE**
[72] MINNICH, KEITH, CA
[73] MINNICH, KEITH, CA
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[54] **CHEMICAL LOOPING INTEGRATION WITH A CARBON DIOXIDE GAS PURIFICATION UNIT**
[54] **INTEGRATION DE BOUCLE CHIMIQUE A UN MODULE DE PURIFICATION DE GAZ CARBONIQUE**
[72] ANDRUS, HERBERT E., JR., US
[72] JUKKOLA, GLEN D., US
[72] THIBEAULT, PAUL R., US
[72] LILJEDAHL, GREGORY N., US
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[86] (2852655)
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[54] **GASIFIER FLUIDIZATION**
[54] **FLUIDISATION DE GAZEIFIEUR**
[72] JIANG, WEIBIN, US
[72] MCCOMISH, BRUCE E., US
[72] BORUM, BRYAN C., US
[72] CARRYER, BENJAMIN H., US
[72] IBSEN, MARK D., US
[72] ROBERTSON, MARK K., US
[72] ELROD, ERIC R., US
[72] WEEKS, SIM, US
[72] WRIGHT, HAROLD A., US
[73] RES USA, LLC, US
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[54] **SPIRO-OXINDOLE COMPOUNDS AND THEIR USES AS THERAPEUTIC AGENTS**
[54] **COMPOSES DE SPIRO-OXINDOLE ET UTILISATIONS ASSOCIEES EN TANT QU'AGENTS THERAPEUTIQUES**
[72] CHAFEEV, MIKHAIL, CA
[72] CHOWDHURY, SULTAN, CA
[72] FRASER, ROBERT, CA
[72] FU, JIANMIN, CA
[72] KAMBOJ, RAJENDER K., CA
[72] HOU, DUANJIE, CA
[72] LIU, SHIFENG, CA
[72] BAGHERZADEH, MEHRAN SEID, CA
[72] SVIRIDOV, SERGUEI, CA
[72] SUN, SHAOYI, CA
[72] SUN, JIANYU, CA
[72] CHAKKA, NAGASREE, CA
[72] HSIEH, TOM, CA
[72] RAINA, VANDNA, CA
[73] XENON PHARMACEUTICALS INC., CA
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[54] **IMMEDIATE RELEASE ABUSE DETERRENT TABLET**
[54] **COMPRIME ANTI-ABUS A LIBERATION IMMEDIATE**
[72] SAREEN, RAHUL, US
[72] FESHARAKI, SHAHIN, US
[72] SHAH, PARAG, US
[73] ALLERGAN SALES, LLC, US
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[54] **SYSTEMS AND METHODS FOR DELIVERY OF A MEDICAL DEVICE**
[54] **SYSTEMES ET METHODES POUR DELIVRER UN DISPOSITIF MEDICAL**
[72] CRAWFORD, DANIEL A., US
[72] HAGAMAN, LOGAN R., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2014-05-08
[86] 2012-12-04 (PCT/US2012/067758)
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[25] EN
[54] **AIR DIFFUSER SYSTEMS, METHODS, AND APPARATUSES**
[54] **SYSTEMES, PROCEDES ET APPAREILS DE DIFFUSEUR D'AIR**
[72] RIVERA, MANUAL F., US
[72] HOFFMAN, HERBERT LOUIS, US
[72] TRUDEAU, MATTHEW, US
[73] THE BOEING COMPANY, US
[86] (2855312)
[87] (2855312)
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[54] **IMAGE INSPECTION APPARATUS, IMAGE INSPECTION SYSTEM AND IMAGE INSPECTION METHOD**
[54] **APPAREIL, SYSTEME ET PROCEDE D'INSPECTION D'IMAGE**
[72] KOJIMA, KEIJI, JP
[72] ISHIZAKI, HIROYOSHI, JP
[72] KITAI, TADASHI, JP
[72] KANEKO, HITOMI, JP
[73] RICOH COMPANY, LIMITED, JP
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[54] **BREAKOUT ASSEMBLIES AND ASSOCIATED MOUNTING MEMBERS FOR FIBER OPTIC APPLICATIONS**
[54] **ENSEMBLES DE BRANCHEMENT ET ELEMENTS DE MONTAGE ASSOCIES POUR APPLICATIONS A FIBRES OPTIQUES**
[72] MURANO, ADAM, US
[72] RYNASKI, CHESTER H., US
[73] ORTRONICS, INC., US
[85] 2014-05-12
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[87] (WO2013/078262)
[30] US (13/301,034) 2011-11-21

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[25] EN
[54] **MULTIPLE-COLOR MONOCHROMATIC LIGHT ABSORPTION AND QUANTIFICATION OF LIGHT ABSORPTION IN A STAINED SAMPLE**
[54] **ABSORPTION DE LUMIERE MONOCHROMATIQUE A COULEURS MULTIPLES ET QUANTIFICATION D'ABSORPTION DE LUMIERE DANS UN ECHANTILLON COLORE**
[72] LUTHER, EDGAR A., US
[72] MILLER, BRUCE, US
[73] COMPUCYTE CORPORATION, US
[86] (2855973)
[87] (2855973)
[22] 2005-08-08
[62] 2,576,510
[30] US (60/599,521) 2004-08-06
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[25] EN
[54] **CENTRIFUGAL SEPARATOR WITH ANTI-FOULING PROPERTIES**
[54] **SEPARATEUR CENTRIFUGE AYANT DES PROPRIETES ANTI-ENCRASSEMENT**
[72] NILSSON, MATS, SE
[72] ANEHAMRE, JONAS, SE
[72] SZEPESSY, STEFAN, SE
[72] MANELIUS, TOM, SE
[73] ALFA LAVAL CORPORATE AB, SE
[85] 2014-05-15
[86] 2012-11-28 (PCT/EP2012/004914)
[87] (WO2013/079194)
[30] SE (1151127.6) 2011-11-28

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[25] EN
[54] **VALVE ACTUATOR TORQUE LIMITER**
[54] **LIMITEUR DE COUPLE A ACTIONNEUR DE SOUPAPE**
[72] ADAM, STUART STEVEN, GB
[72] SWEET, KEVIN RICHARD, GB
[73] ROTORK CONTROLS LIMITED, GB
[85] 2014-05-16
[86] 2011-11-28 (PCT/GB2011/052340)
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[25] EN
[54] **OSCILLATING AMPLIFICATION REACTION FOR NUCLEIC ACIDS**
[54] **REACTION D'AMPLIFICATION D'OSCILLATION POUR DES ACIDES NUCLEIQUES**
[72] CAI, HONG, US
[72] COBB, NATHAN J., US
[73] MESA BIOTECH, INC., US
[85] 2014-05-14
[86] 2012-04-20 (PCT/US2012/034589)
[87] (WO2012/145725)
[30] US (61/477,437) 2011-04-20
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[51] **Int.Cl. F16D 65/097 (2006.01)**
[25] EN
[54] **PROGRESSIVELY STAMPED CLIP-ON NOISE DAMPING SHIM FOR FRICTION ASSEMBLY, AND METHOD AND APPARATUS FOR PRODUCING CLIP-ON NOISE DAMPING SHIM**
[54] **CALE ANTI-BRUIT ENCLIPSABLE FABRIQUEE PAR ESTAMPAGE PROGRESSIF POUR ENSEMBLE ANTIFRICTION, ET METHODE ET APPAREIL DE PRODUCTION CONNEXE**
[72] LATIFI, M. REZA, CA
[72] KRYSPIN, JERZY, CA
[73] UTIL CANADA LIMITED, CA
[86] (2856410)
[87] (2856410)
[22] 2010-01-28
[62] 2,691,388

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[13] C
[51] Int.Cl. C10G 1/04 (2006.01) B01D 11/04 (2006.01) C10G 21/02 (2006.01) E21B 43/24 (2006.01) E21B 43/34 (2006.01) C09K 8/592 (2006.01)
[25] EN
[54] METHODS AND APPARATUSES FOR OBTAINING A HEAVY OIL PRODUCT FROM A MIXTURE
[54] METHODES ET APPAREILS PERMETTANT D'OBTENIR UN PRODUIT DE PETROLE LOURD A PARTIR D'UN MELANGE
[72] KHALEDI, RAHMAN, CA
[72] BOONE, THOMAS J., CA
[72] DITTARO, LARRY M., CA
[72] HAN, WENQIANG, CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2856460)
[87] (2856460)
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[51] Int.Cl. A61K 31/625 (2006.01) A61K 31/485 (2006.01) C07D 489/00 (2006.01)
[25] EN
[54] BENZOIC ACID, BENZOIC ACID DERIVATIVES AND HETEROARYL CARBOXYLIC ACID CONJUGATES OF HYDROMORPHONE, PRODRUGS, METHODS OF MAKING AND USE THEREOF
[54] CONJUGUES D'HYDROMORPHONE AVEC DE L'ACIDE BENZOIQUE, DES DERIVES D'ACIDE BENZOIQUE ET UN ACIDE HETEROARYLCARBOXYLIQUE, PROMEDICAMENTS, LEURS PROCEDES DE FABRICATION ET LEURS UTILISATIONS
[72] MICKLE, TRAVIS, US
[72] GUENTHER, SVEN, US
[72] CHI, GUOCHEN, US
[72] KANSKI, JAROSLAW, US
[72] MARTIN, ANDREA K., US
[72] BERA, BINDU, US
[73] KEMPHARM, INC., US
[85] 2014-04-09
[86] 2012-10-25 (PCT/US2012/061813)
[87] (WO2013/063204)
[30] US (61/551,600) 2011-10-26
[30] US (61/657,201) 2012-06-08

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[51] Int.Cl. E21B 34/06 (2006.01) E21B 34/12 (2006.01) E21B 43/12 (2006.01) E21B 43/26 (2006.01)
[25] EN
[54] INDEXING SLEEVE FOR SINGLE-TRIP, MULTI-STAGE FRACING
[54] GAINE D'INDEXAGE POUR FRACTURATION A L'AZOTE PAR ETAPES EN UNE SEULE MANOEUVRE
[72] ROBISON, CLARK E., US
[72] COON, ROBERT, US
[72] MALLOY, ROBERT, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2857825)
[87] (2857825)
[22] 2011-03-28
[62] 2,735,402
[30] US (12/753,331) 2010-04-02

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[51] Int.Cl. C25D 11/34 (2006.01) C25D 5/48 (2006.01)
[25] EN
[54] METHOD FOR PASSIVATING TINPLATE
[54] PROCEDE DE PASSIVATION DE FER BLANC
[72] SAUER, REINER, DE
[72] MARMANN, ANDREA, DE
[72] OBERHOFFER, HELMUT, DE
[72] KASDORF, TATJANA, DE
[73] THYSSENKRUPP RASSELSTEIN GMBH, DE
[85] 2014-06-03
[86] 2012-12-31 (PCT/EP2012/077108)
[87] (WO2013/104530)
[30] DE (10 2012 000 414.1) 2012-01-12

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[13] C
[51] Int.Cl. A23G 4/18 (2006.01) A23G 4/06 (2006.01)
[25] EN
[54] LOW DENSITY CHEWING GUM AND METHOD OF MAKING SAME
[54] GOMME A MACHER BASSE DENSITE ET PROCEDE POUR LA FABRIQUER
[72] MO, XIAOQUN, US
[72] SEIELSTAD, DONALD A., US
[72] SONG, JOO H., US
[73] WM. WRIGLEY JR. COMPANY, US
[85] 2014-06-04
[86] 2012-12-14 (PCT/US2012/069619)
[87] (WO2013/090653)
[30] US (61/576,601) 2011-12-16

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[25] EN
[54] ENCODING AND DECODING USING PERCEPTUAL REPRESENTATIONS
[54] EXECUTION D'UN CODAGE ET D'UN DECODAGE AU MOYEN DE REPRESENTATIONS PERCEPTUELLES
[72] MCCARTHY, SEAN T., US
[72] KAMARSHI, VIJAY, US
[73] ARRIS ENTERPRISES LLC, US
[85] 2014-06-05
[86] 2012-12-07 (PCT/US2012/068445)
[87] (WO2013/086319)
[30] US (13/315,409) 2011-12-09

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[13] C
[51] Int.Cl. B65B 11/02 (2006.01) B65B 11/00 (2006.01)
[25] EN
[54] WRAPPING METHODS
[54] METHODES D'EMBALLAGE
[72] CERE, MAURO, IT
[73] AETNA GROUP S.P.A., IT
[86] (2858430)
[87] (2858430)
[22] 2007-07-05
[62] 2,656,472
[30] IT (MO2006A000221) 2006-07-07

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[51] **Int.Cl. C09K 8/54 (2006.01) C09K 8/52 (2006.01)**
[25] EN
[54] **A TREATMENT FLUID CONTAINING A CORROSION INHIBITOR OF A WEAK BASE**
[54] **FLUIDE DE TRAITEMENT CONTENANT UNE BASE FAIBLE COMME INHIBITEUR DE LA CORROSION**
[72] AUGSBURGER, JOHN J., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-06-09
[86] 2013-01-09 (PCT/US2013/020751)
[87] (WO2013/119343)
[30] US (13/371,142) 2012-02-10

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[51] **Int.Cl. H04N 21/442 (2011.01) H04N 21/6543 (2011.01) H04N 21/6547 (2011.01)**
[25] EN
[54] **SUPPORTING MULTIPLE ATTENTION-BASED, USER-INTERACTION MODES**
[54] **PRISE EN CHARGE DE PLUSIEURS MODES D'INTERACTION AVEC UN UTILISATEUR SUR LA BASE DU NIVEAU D'ATTENTION**
[72] NARASIMHAN, NITYA, US
[72] CHIRICESCU, SILVIU, US
[72] VASUDEVAN, VENUGOPAL, US
[72] WODKA, JOSEPH F., US
[73] ARRIS ENTERPRISES LLC, US
[85] 2014-06-16
[86] 2012-11-16 (PCT/US2012/065410)
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[51] **Int.Cl. B65D 75/58 (2006.01) A61F 13/551 (2006.01)**
[25] EN
[54] **PACKAGE COMPRISING PEELABLE OVERLABEL**
[54] **PAQUET COMPRENANT UNE SURETIQUETTE PELABLE**
[72] SCHICKLI, ERIC MITCHELL, US
[72] SOUZA, DAVID CHRISTOPHER, US
[72] WASSON, MATTHEW HOWARD, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-06-19
[86] 2012-12-11 (PCT/US2012/068942)
[87] (WO2013/096007)
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[51] **Int.Cl. H04W 72/12 (2009.01) H04W 8/26 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **A METHOD IMPLEMENTED IN AN ENODEB BASE STATION**
[54] **PROCEDE MIS EN □UVRE DANS UNE STATION DE BASE ENODEB**
[72] ANDERSON, NICHOLAS WILLIAM, GB
[72] NOVAK, ROBERT, CA
[72] VUTUKURI, ESWAR, GB
[72] HARRISON, ROBERT MARK, US
[73] BLACKBERRY LIMITED, CA
[85] 2014-06-19
[86] 2012-12-20 (PCT/US2012/070812)
[87] (WO2013/096555)
[30] US (61/579,947) 2011-12-23
[30] US (61/579,940) 2011-12-23
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[25] EN
[54] **PROCESS FOR PRODUCING A RING-PULL TOP AND ALSO USE OF A STEEL SHEET PROVIDED WITH A PROTECTIVE LAYER FOR A RING-PULL TOP**
[54] **PROCEDE DE FABRICATION D'UN COUVERCLE A OUVERTURE FACILE, ET UTILISATION D'UNE TOLE D'ACIER POURVUE D'UNE COUCHE DE PROTECTION POUR COUVERCLES A OUVERTURE FACILE**
[72] FRIEDRICH, KARL ERNST, DE
[72] MATUSCH, DIRK, DE
[72] KAUP, BURKHARD, DE
[72] SAUER, REINER, DE
[73] THYSSENKRUPP RASSELSTEIN GMBH, DE
[85] 2014-06-20
[86] 2012-10-02 (PCT/EP2012/069464)
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[30] DE (10 2011 056 846.8) 2011-12-22

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[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/32 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO PROVIDE CHECK-IN BASED PAYMENT PROCESSES**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE DE PROCESSUS DE PAIEMENT EN FONCTION DE L'ENREGISTREMENT**
[72] ZAMBELLI HOSMER, FEDERICO, IT
[72] VANELLO PREMRU, JULIJ, IT
[72] SARDO, PIETRO, IT
[73] PAYP[illegible]L, INC., US
[85] 2014-06-25
[86] 2012-09-13 (PCT/US2012/055195)
[87] (WO2013/115853)
[30] US (61/592,254) 2012-01-30

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[13] C
[51] **Int.Cl. B65B 11/02 (2006.01) B65B 65/08 (2006.01)**
[25] EN
[54] **STRETCH FILM WRAPPING SYSTEM**
[54] **SYSTEME D'EMBALLAGE AU MOYEN D'UN FILM ETIRABLE**
[72] SCHABLIN, BRIAN A., US
[72] ZIERDEN, DANA L., US
[73] BRENTON LLC, US
[86] (2862011)
[87] (2862011)
[22] 2014-09-05
[30] US (61/878,883) 2013-09-17

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[51] **Int.Cl. B60P 7/04 (2006.01) B62D 33/04 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **SIDEWALL PANEL AND TARPAULIN COVER SYSTEM FOR FLATBED TRAILERS,AND TRUCK TRAILER INCORPORATING SAME**
[54] **SYSTEME DE PANNEAU LATERAL ET DE REVETEMENT DE BACHE POUR LES REMORQUES A PLATEFORME ET REMORQUE COMPORTANT LEDIT SYSTEME**
[72] DEMONTE, WALTER PETER, CA
[72] DEMONTE, TIMOTHY PAUL, CA
[72] LEBLANC, SHERI LYN, CA
[73] DEMONTE, WALTER PETER, CA
[73] DEMONTE, TIMOTHY PAUL, CA
[73] LEBLANC, SHERI LYN, CA
[86] (2862413)
[87] (2862413)
[22] 2006-08-04
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[51] **Int.Cl. B60G 11/28 (2006.01)**
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[54] **AIR SPRING FASTENING**
[54] **FIXATION DE SUSPENSION PNEUMATIQUE**
[72] HOCK, HELMUT, DE
[73] SAF-HOLLAND GMBH, DE
[85] 2014-08-05
[86] 2013-01-23 (PCT/EP2013/051191)
[87] (WO2013/117429)
[30] DE (10 2012 201 745.3) 2012-02-07

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[51] **Int.Cl. G01N 21/77 (2006.01)**
[25] EN
[54] **TEST SYSTEM AND METHOD FOR MONITORING THE ALIGNMENT OF A TEST STRIP**
[54] **SYSTEME D'ESSAI ET PROCEDE POUR LE CONTROLE DE L'ALIGNEMENT D'UNE BANDELETTE D'ESSAI**
[72] LIMBURG, BERND, DE
[72] RUECKERT, FRANK, DE
[72] SCHMIDT, BERNHARD, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-08-08
[86] 2013-03-12 (PCT/EP2013/054963)
[87] (WO2013/135669)
[30] EP (12159116.8) 2012-03-12

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[51] **Int.Cl. E04H 5/02 (2006.01) E04B 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF FABRICATING AND ASSEMBLING INDUSTRIAL PLANT MODULES FOR INDUSTRIAL PLANT CONSTRUCTION**
[54] **SYSTEME ET PROCEDE DE FABRICATION ET D'ASSEMBLAGE DE MODULES D'USINE INDUSTRIELS POUR LA CONSTRUCTION D'UNE USINE INDUSTRIELLE**
[72] PORTER, RONALD, CA
[73] PORTER, RONALD, CA
[86] (2864555)
[87] (2864555)
[22] 2014-09-24
[30] US (14/469,737) 2014-08-27

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[51] **Int.Cl. F41H 11/16 (2011.01) B60L 11/18 (2006.01)**
[25] EN
[54] **ALL-ELECTRIC POWERED ANFO VEHICLE**
[54] **VEHICULE ANFO A ALIMENTATION TOTALEMENT ELECTRIQUE**
[72] RUDINEC, STEPHEN A., US
[73] LAKE SHORE SYSTEMS, INC., US
[85] 2014-08-22
[86] 2013-01-10 (PCT/US2013/020927)
[87] (WO2013/126154)
[30] US (13/403,263) 2012-02-23

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[51] **Int.Cl. H04W 76/02 (2009.01)**
[25] EN
[54] **CONNECTION SETUP WITH AN ACCESS SELECTION OF A TERMINAL**
[54] **ETABLISSEMENT DE CONNEXION AVEC UNE SELECTION D'ACCES D'UN TERMINAL**
[72] BERGSTROM, ANDREAS, SE
[72] ANDERSSON, HAKAN, SE
[72] ERIKSSON, ERIK, SE
[72] HESSLER, MARTIN, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2014-08-27
[86] 2012-01-31 (PCT/EP2012/000409)
[87] (WO2013/113321)

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[13] C
[51] **Int.Cl. C11D 7/60 (2006.01)**
[25] EN
[54] **HARD SURFACE CLEANING COMPOSITION HAVING A MALODOR CONTROL COMPONENT AND METHODS OF CLEANING HARD SURFACES**
[54] **COMPOSITION DE NETTOYAGE DE SURFACES DURES RENFERMANT UN COMPOSANT DE NEUTRALISATION DES MAUVAISES ODEURS ET PROCEDES DE NETTOYAGE DE SURFACES DURES**
[72] WOO, RICKY AH-MAN, US
[72] HORENZIAK, STEVEN ANTHONY, US
[72] JACKSON, RHONDA JEAN, US
[72] LIU, ZAIYOU, US
[72] MALANYAON, MICHAEL-VINCENT NARIO, US
[72] OLCHOVY, JASON JOHN, US
[72] READNOUR, CHRISTINE MARIE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] THE PROCTER & GAMBLE COMPANY, US
[86] (2865839)
[87] (2865839)
[22] 2010-12-16
[62] 2,782,418
[30] US (61/287,383) 2009-12-17
[30] US (61/287,369) 2009-12-17
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[51] **Int.Cl. C07D 209/56 (2006.01) A61K 31/403 (2006.01) A61K 31/4035 (2006.01) A61K 31/4439 (2006.01) A61K 31/4748 (2006.01) A61P 31/20 (2006.01) C07D 209/48 (2006.01)**
[25] EN
[54] **CHEMICALS, COMPOSITIONS, AND METHODS FOR TREATMENT AND PREVENTION OF ORTHOPOXVIRUS INFECTIONS AND ASSOCIATED DISEASES**
[54] **PRODUITS CHIMIQUES, COMPOSITIONS ET PROCEDES DE TRAITEMENT ET DE PREVENTION DES INFECTIONS A ORTHOPOXVIRUS ET DES MALADIES ASSOCIEES**
[72] JORDAN, ROBERT, US
[72] BAILEY, THOMAS R., US
[72] RIPPIN, SUSAN R., US
[72] DAI, DONGCHENG, US
[73] SIGA TECHNOLOGIES, INC., US
[86] (2866037)
[87] (2866037)
[22] 2007-04-23
[62] 2,685,153
[30] US (11/785,998) 2007-04-23

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[51] **Int.Cl. H01M 8/1004 (2016.01) H01M 8/1018 (2016.01)**
[25] EN
[54] **ELECTROLYTE FILM-ELECTRODE ASSEMBLY**
[54] **ENSEMBLE ELECTRODE-ELECTROLYTE EN FILM**
[72] KUWATA, SHIGEMASA, JP
[72] OKUYAMA, YOZO, JP
[72] KODAMA, KAZUFUMI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2014-09-08
[86] 2013-03-05 (PCT/JP2013/055902)
[87] (WO2013/133238)
[30] JP (2012-052026) 2012-03-08

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[51] **Int.Cl. H04L 27/00 (2006.01) H04L 5/00 (2006.01)**
[25] EN
[54] **DYNAMIC SUBCARRIER UTILIZATION AND INTELLIGENT TRANSMISSION SCHEDULING**
[54] **UTILISATION DE SOUS-PORTEUSE DYNAMIQUE ET PROGRAMMATION DE TRANSMISSION INTELLIGENTE**
[72] HUI, JONATHAN W., US
[72] VASSEUR, JEAN-PHILIPPE, FR
[72] HONG, WEI, US
[73] CISCO TECHNOLOGY, INC., US
[85] 2014-09-09
[86] 2013-03-22 (PCT/US2013/033485)
[87] (WO2013/142783)
[30] US (61/614,975) 2012-03-23
[30] US (13/563,524) 2012-07-31

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[51] **Int.Cl. H04B 7/0417 (2017.01) H04B 7/0495 (2017.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR OVERLAPPING MIMO ANTENNA PHYSICAL SECTORS**
[54] **PROCEDES ET APPAREIL POUR LE CHEVAUCHEMENT DE SECTEURS PHYSIQUES D'UNE ANTENNE MIMO**
[72] LASTINGER, ROC, US
[72] SPENIK, JOHN (DECEASED), US
[72] WOODBURY, BRIAN, US
[73] WOODBURY WIRELESS, LLC, US
[86] (2866948)
[87] (2866948)
[22] 2007-02-21
[62] 2,637,182
[30] US (60/743,376) 2006-02-28

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[13] C
[51] **Int.Cl. B21B 25/00 (2006.01) C23C 4/131 (2016.01) B21B 19/04 (2006.01) C23C 4/04 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING PLUG FOR PIERCING-ROLLING**
[54] **PROCEDE DE FABRICATION D'UN MANDRIN DE PERCAGE**
[72] HIGASHIDA, YASUTO, JP
[72] HIDAKA, YASUYOSHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-09-11
[86] 2013-03-19 (PCT/JP2013/001858)
[87] (WO2013/161176)
[30] JP (2012-098448) 2012-04-24

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[51] **Int.Cl. C02F 3/34 (2006.01) C02F 3/10 (2006.01) C02F 3/30 (2006.01)**
[25] EN
[54] **PROCESS COMPRISING ANAMMOX BACTERIA ON BIOFILM CARRIERS FOR REMOVING AMMONIUM FROM A WASTEWATER STREAM**
[54] **PROCEDE COMPRENANT L'UTILISATION DE BACTERIES ANAMMOX SUR DES SUPPORTS DE BIOFILM POUR ELIMINER L'AMMONIUM CONTENU DANS UN COURANT D'EAUX USEES**
[72] ZHAO, HONG, US
[72] WELANDER, THOMAS, SE
[72] CHRISTENSSON, MAGNUS, SE
[72] LEMAIRE, ROMAIN, FR
[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[85] 2014-09-16
[86] 2013-03-27 (PCT/US2013/033996)
[87] (WO2013/151836)
[30] US (13/439,153) 2012-04-04

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[51] **Int.Cl. A47D 13/00 (2006.01) A47G 9/10 (2006.01)**
[25] EN
[54] **NURSING AND INFANT SUPPORT PILLOW**
[54] **COUSSIN DESTINE A L'ALLAITEMENT ET AU SUPPORT DES NOURRISSONS**
[72] FANG, RUTH HSIN JU, US
[73] MUNCHKIN, INC., US
[86] (2867757)
[87] (2867757)
[22] 2014-10-15
[30] US (61891340) 2013-10-15
[30] US (62000422) 2014-05-19
[30] US (14515422) 2014-10-15

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[13] C
[51] **Int.Cl. H01Q 23/00 (2006.01)**
[25] EN
[54] **ANTENNA SYSTEM, BASE STATION SYSTEM AND COMMUNICATION SYSTEM**
[54] **SYSTEME D'ANTENNES, SYSTEME DE STATION DE BASE ET SYSTEME DE COMMUNICATION**
[72] LIU, DEZHENG, CN
[72] PU, TAO, CN
[72] SUN, WEIHUA, CN
[72] QIN, ZUOJUN, CN
[72] HE, PINGHUA, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2014-09-19
[86] 2012-03-20 (PCT/CN2012/072604)
[87] (WO2012/103830)

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[51] **Int.Cl. B21B 25/00 (2006.01) C23C 4/131 (2016.01) B21B 19/04 (2006.01) C21D 7/06 (2006.01) C23C 4/02 (2006.01) C23C 4/04 (2006.01)**
[25] EN
[54] **EQUIPMENT SYSTEM FOR PRODUCING PIERCING-ROLLING PLUG**
[54] **EQUIPEMENT POUR PRODUIRE UN EMBOUT DE PERCAGE**
[72] YAMAMOTO, TOMOHIRO, JP
[72] HIDAKA, YASUYOSHI, JP
[72] HIGASHIDA, YASUTO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-09-19
[86] 2013-03-19 (PCT/JP2013/001859)
[87] (WO2013/161177)
[30] JP (2012-098767) 2012-04-24

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[13] C
[51] **Int.Cl. C07K 7/06 (2006.01) A61K 38/08 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **SYNTHETIC PEPTIDES WITH A NON-NARCOTIC TYPE OF ANALGESIC EFFECT**
[54] **PEPTIDES SYNTHETIQUES A TYPE D'ACTION ANALGESIQUE NON NARCOTIQUE**
[72] VLASOV, GENNADY PETROVICH, RU
[72] KOTIN, ARKADIY MIHAJLOVICH, RU
[73] KOTIN, OLEG ARKADYEVICH, RU
[85] 2014-09-19
[86] 2012-12-07 (PCT/RU2012/001036)
[87] (WO2013/141750)
[30] RU (2012110908) 2012-03-22

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[13] C
[51] **Int.Cl. H02J 3/18 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **ELECTRICAL POWER TRANSMISSION NETWORK**
[54] **RESEAU DE TRANSMISSION D'ALIMENTATION ELECTRIQUE**
[72] ROSENDAHL, GLENN K., CA
[73] ROSENDAHL, GLENN K., CA
[86] (2868587)
[87] (2868587)
[22] 2014-10-23

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[13] C
[51] **Int.Cl. G01N 33/24 (2006.01) G01N 23/00 (2006.01)**
[25] EN
[54] **AN EFFICIENT METHOD FOR SELECTING REPRESENTATIVE ELEMENTARY VOLUME IN DIGITAL REPRESENTATIONS OF POROUS MEDIA**
[54] **PROCEDE EFFICACE POUR CHOISIR UN VOLUME ELEMENTAIRE REPRESENTATIF DANS DES REPRESENTATIONS NUMERIQUES D'UN MILIEU POREUX**
[72] DE PRISCO, GIUSEPPE, US
[72] TOELKE, JONAS, US
[73] INGRAIN, INC., US
[85] 2014-09-26
[86] 2013-02-04 (PCT/US2013/024593)
[87] (WO2013/147995)
[30] US (61/618,265) 2012-03-30
[30] US (13/546,053) 2012-07-11

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[13] C
[51] **Int.Cl. B29C 45/73 (2006.01) C08J 5/00 (2006.01) C08L 89/00 (2006.01) C08L 97/00 (2006.01)**
[25] EN
[54] **INJECTION MOLDED ARTICLES FROM NATURAL MATERIALS AND METHODS FOR MAKING THEM**
[54] **ARTICLES MOULES PAR INJECTION DE MATERIAUX NATURELS ET PROCEDES POUR FABRIQUER CEUX-CI**
[72] WOERDEMAN, DARA L., US
[72] KINNEY, SCOTT, US
[72] KOORNEEF, MARKO, US
[72] BUSH, KEN, US
[73] GREEN MATERIALS, LLC, US
[85] 2014-10-01
[86] 2013-04-02 (PCT/US2013/034966)
[87] (WO2013/152009)
[30] US (61/619,380) 2012-04-02

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[13] C
[51] **Int.Cl. A61M 5/34 (2006.01)**
[25] EN
[54] **INJECTION DEVICE WITH NEEDLE SENSOR**
[54] **DISPOSITIF D'INJECTION AVEC CAPTEUR D'AIGUILLE**
[72] WURMBAUER, WERNER, AT
[72] SCHOPF, JOSEF, AT
[72] SCHATZ, BERNHARD, AT
[73] ARES TRADING SA, CH
[85] 2014-10-09
[86] 2013-06-11 (PCT/IB2013/001213)
[87] (WO2013/186618)
[30] EP (12004541.4) 2012-06-15

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[13] C
[51] **Int.Cl. E04F 15/02 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **FLOATING FLOOR SYSTEM, FLOOR PANEL, AND INSTALLATION METHOD FOR THE SAME**
[54] **SYSTEME DE PLANCHER FLOTTANT, PANNEAU DE PLANCHER ET LEUR PROCEDE D'INSTALLATION**
[72] RAMACHANDRA, SUNIL, US
[72] TOTARO, ANNA J., US
[73] ARMSTRONG WORLD INDUSTRIES, INC., US
[85] 2014-10-10
[86] 2013-04-15 (PCT/US2013/036663)
[87] (WO2013/155534)
[30] US (61/623,670) 2012-04-13

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[13] C
[51] **Int.Cl. A61M 16/20 (2006.01)**
[25] EN
[54] **OPENING AND CLOSING DEVICE AND RESPIRATORY ASSISTANCE DEVICE**
[54] **DISPOSITIF D'OUVERTURE/FERMETURE ET APPAREIL D'ASSISTANCE RESPIRATOIRE**
[72] NITTA, KAZUFUKU, JP
[73] METRAN CO., LTD., JP
[85] 2014-10-14
[86] 2013-04-15 (PCT/JP2013/061191)
[87] (WO2013/157517)
[30] JP (2012-092792) 2012-04-16

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[13] C
[51] **Int.Cl. B23K 37/00 (2006.01) B23K 9/028 (2006.01) B23K 9/16 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **INFLATABLE PURGE DAM APPARATUS**
[54] **APPAREIL DE BARRAGE DE PURGE GONFLABLE**
[72] HACIKYAN, MICHAEL, US
[73] HACIKYAN, MICHAEL, US
[85] 2014-10-14
[86] 2013-04-19 (PCT/US2013/037295)
[87] (WO2013/163016)
[30] US (13/457,761) 2012-04-27

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[13] C
[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/09 (2006.01) B23K 9/12 (2006.01)**
[25] EN
[54] **WELDING WIRE FEEDER POWER CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE LA PUISSANCE POUR UNE TETE DE SOUDAGE**
[72] SALSICH, ANTHONY VAN BERGEN, US
[72] BEISTLE, EDWARD G., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-10-15
[86] 2013-06-05 (PCT/US2013/044236)
[87] (WO2013/184752)
[30] US (61/657,515) 2012-06-08
[30] US (13/834,345) 2013-03-15

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[13] C
[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/14 (2006.01) G06F 9/44 (2006.01) G06F 15/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR UNLIMITED MULTI-USER COMPUTER DESKTOP ENVIRONMENT**
[54] **SYSTEME ET PROCEDE POUR ENVIRONNEMENT DE BUREAU INFORMATIQUE A PLUSIEURS UTILISATEURS ILLIMITE**
[72] NANCKE-KROGH, ANDERS, US
[73] MOSAIQQ, INC., US
[85] 2014-10-16
[86] 2013-04-30 (PCT/US2013/038916)
[87] (WO2013/166047)
[30] US (61/640,550) 2012-04-30
[30] US (61/790,895) 2013-03-15

[11] **2,871,239**
[13] C
[51] **Int.Cl. B32B 37/00 (2006.01) B32B 3/08 (2006.01) B32B 17/00 (2006.01) B32B 38/00 (2006.01) C03B 27/012 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING TEMPERED VACUUM GLASS**
[54] **PROCEDE POUR FABRIQUER DU VERRE A VIDE TREMPE**
[72] WANG, HUI, CN
[72] XU, ZHIWU, CN
[72] HUA, SHAN, CN
[72] LUI, CHENGWEI, CN
[73] CHEN, YANDI, CA
[86] (2871239)
[87] (2871239)
[22] 2014-11-07
[30] CN (CN 201310557672.8) 2013-11-11

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[11] **2,871,362**
[13] C
[51] **Int.Cl. H04B 7/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING FRAME INCLUDING PARTIAL ASSOCIATION IDENTIFIER IN WIRELESS LAN SYSTEM**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION ET DE RECEPTION DE TRAMES COMPRENANT UN IDENTIFICATEUR D'ASSOCIATION PARTIELLE DANS UN SYSTEME LAN SANS FIL**
[72] SEOK, YONGHO, KR
[72] HAN, SEUNGHEE, KR
[73] LG ELECTRONICS INC., KR
[85] 2014-10-23
[86] 2013-04-24 (PCT/KR2013/003509)
[87] (WO2013/162280)
[30] US (61/637,310) 2012-04-24
[30] US (61/662,871) 2012-06-21
[30] US (61/666,860) 2012-06-30
[30] US (61/692,686) 2012-08-23
[30] US (61/698,645) 2012-09-09
[30] US (61/699,868) 2012-09-12

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[13] C
[51] **Int.Cl. F16L 33/22 (2006.01) D03D 15/08 (2006.01) F16L 11/12 (2006.01)**
[25] EN
[54] **HOSE-JOINT COMBINATION**
[54] **AGENCEMENT DE TUYAU ET DE RACCORD**
[72] HUANG, HUANG FU, TW
[73] HUANG, HUANG FU, TW
[86] (2871894)
[87] (2871894)
[22] 2014-11-24
[30] TW (102222745) 2013-12-04

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[11] **2,872,011**
[13] C
[51] **Int.Cl. E03C 1/04 (2006.01) A47K 1/00 (2006.01) A47K 10/48 (2006.01)**
[25] EN
[54] **BASIN VENT**
[54] **EVENT DE BASSIN**
[72] GALLOB, RANDALL, US
[73] STONE AND STEEL, US
[86] (2872011)
[87] (2872011)
[22] 2014-11-21
[30] US (61/907,295) 2013-11-21
[30] US (14/208,347) 2014-03-13

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[13] C
[51] **Int.Cl. A61K 9/48 (2006.01) A61J 3/07 (2006.01) B01J 13/04 (2006.01) C08J 3/075 (2006.01) C08J 3/20 (2006.01) C08J 5/18 (2006.01) C08L 3/02 (2006.01) C08L 5/00 (2006.01)**
[25] EN
[54] **COATING AND EXTRUDING METHOD FOR PRODUCING STARCH SOFTGEL CAPSULES**
[54] **PROCEDE DE REVETEMENT ET D'EXTRUSION DESTINE A LA PRODUCTION DE CAPSULES D'AMIDON A ENVELOPPE MOLLE**
[72] SHUAI, FANGWEN, CN
[72] ZHANG, NUOZI, CN
[72] WANG, XIANGFENG, CN
[72] ZHANG, JIAWEI, CN
[73] HUNAN ER-KANG PHARMACEUTICAL CO., LTD., CN
[86] (2872052)
[87] (2872052)
[22] 2014-11-25

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[13] C
[51] **Int.Cl. C12N 5/0775 (2010.01)**
[25] EN
[54] **METHOD FOR UNDIFFERENTIATED PROLIFERATION OF MESENCHYMAL STEM CELL AND METHOD FOR CONCENTRATION OF MESENCHYMAL STEM CELL**
[54] **PROCEDE DE PROLIFERATION INDIFFERENCIEE DE CELLULES SOUCHES MESENCHYMATEUSES, ET PROCEDE DE CONCENTRATION DE CELLULES SOUCHES MESENCHYMATEUSES**
[72] ABE, HIROYUKI, JP
[72] KAWASAKI, HIROAKI, JP
[73] ABE, HIROYUKI, JP
[73] KAWASAKI, HIROAKI, JP
[85] 2014-11-06
[86] 2013-08-08 (PCT/JP2013/071559)
[87] (WO2014/034407)
[30] JP (2012-192560) 2012-08-31

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[13] C
[51] **Int.Cl. E21B 33/138 (2006.01) C09K 8/42 (2006.01)**
[25] EN
[54] **SEALANT COMPOSITIONS AND METHODS UTILIZING NANO-PARTICLES**
[54] **COMPOSITIONS DE MATIERE D'ETANCHEITE ET PROCEDES CORRESPONDANTS UTILISANT DES NANOPARTICULES**
[72] RODDY, CRAIG WAYNE, US
[72] COVINGTON, RICKY L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2873296)
[87] (2873296)
[22] 2010-09-24
[62] 2,774,302
[30] US (12/567,783) 2009-09-27

[11] **2,873,363**
[13] C
[51] **Int.Cl. G06Q 50/06 (2012.01) G06Q 50/28 (2012.01)**
[25] EN
[54] **DELIVERY PREDICTION SYSTEM AND DELIVERY PREDICTION METHOD**
[54] **SYSTEME DE PREDICTION DE LIVRAISON ET PROCEDE DE PREDICTION DE LIVRAISON**
[72] WADA, SHINJI, JP
[72] DEKAMO, SHINGO, JP
[73] NIPPON GAS CO., LTD., JP
[85] 2014-12-03
[86] 2013-06-07 (PCT/JP2013/003622)
[87] (WO2013/183312)
[30] JP (2012-130613) 2012-06-08

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[11] **2,873,560**
[13] C
[51] **Int.Cl. H01B 7/04 (2006.01) H01B 7/06 (2006.01)**
[25] EN
[54] **FOLDABLE AND RESTRAINABLE CABLES**
[54] **CABLES PLIABLES ET ENCASTRABLES**
[72] WANG, JAMES C., US
[73] WANG, JAMES C., US
[85] 2014-11-13
[86] 2013-04-09 (PCT/US2013/035742)
[87] (WO2013/180836)
[30] US (61/653,221) 2012-05-30
[30] US (13/623,549) 2012-09-20
[30] US (13/800,863) 2013-03-13

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[13] C
[51] **Int.Cl. B32B 27/22 (2006.01) B32B 27/24 (2006.01) B32B 37/00 (2006.01)**
[25] EN
[54] **SUSTAINABLE RESIDENTIAL SHEET**
[54] **FEUILLE D'APPLICATION RESIDENTIELLE DURABLE**
[72] LENSBOUER, JOSHUA J., US
[72] HYNICKA, STEVEN F., US
[73] ARMSTRONG WORLD INDUSTRIES, INC., US
[86] (2873568)
[87] (2873568)
[22] 2014-12-08
[30] US (14/140,170) 2013-12-24

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[13] C
[51] **Int.Cl. G01S 1/76 (2006.01) B63B 35/00 (2006.01) G01S 5/22 (2006.01) G01S 11/14 (2006.01)**
[25] EN
[54] **SATELLITE AND ACOUSTIC TRACKING DEVICE**
[54] **DISPOSITIF DE SUIVI SATELLITAIRE ET ACOUSTIQUE**
[72] BERUMEN, MICHAEL L., SA
[72] SMITH, E. LLOYD, SA
[72] DE LA TORRE, PEDRO, SA
[73] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA
[85] 2014-11-17
[86] 2013-05-17 (PCT/US2013/041622)
[87] (WO2014/028084)
[30] US (61/648,886) 2012-05-18

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[13] C
[51] **Int.Cl. B21D 39/02 (2006.01) B23P 19/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR INSERTING ANGLE PLATES AND CLOSING DUCT SEAMS**
[54] **APPAREILLAGE ET METHODE D'INSERTION DE PLAQUES ANGULAIRES ET DE FERMETURE DE JOINTS DE CONDUITE**
[72] DAW, DAVID E., US
[72] UMBERGER, CODY B., US
[72] BORWIG, MICHAEL C., US
[73] HVAC INVENTORS/SYSTEMATION, INC., US
[85] 2014-09-25
[86] 2014-06-04 (PCT/US2014/040902)
[87] (WO2014/197589)
[30] US (61/956,230) 2013-06-04

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[13] C
[51] **Int.Cl. B23K 9/32 (2006.01) B23K 37/02 (2006.01) B62B 3/10 (2006.01) B62B 3/16 (2006.01) F02B 63/04 (2006.01) F16M 3/00 (2006.01)**
[25] EN
[54] **WELDING POWER SUPPLY UNIT WITH A ROLL CAGE WITH INCORPORATED LIFT HANDLES**
[54] **UNITE D'ALIMENTATION EN ENERGIE DE SOUDAGE COMPRENANT CAGE DE RETOURNEMENT MUNIE DE POIGNEES DE LEVAGE INTEGREES**
[72] LIEBERT, SCOTT STEPHEN, US
[72] DANTINNE, MARKUS MICHAEL, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-11-19
[86] 2013-08-04 (PCT/US2013/053535)
[87] (WO2014/025655)
[30] US (61/682,093) 2012-08-10
[30] US (13/910,763) 2013-06-05

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[13] C
[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] FR
[54] **METHOD FOR PROCESSING IMAP DATA FLOWS, ELECTRONIC MAIL SERVERS AND COMPUTER PROGRAMS IMPLEMENTING SAID METHODS**
[54] **PROCEDE DE TRAITEMENT DE FLUX DE DONNEES IMAP, SERVEURS DE COURRIELS ET PROGRAMMES D'ORDINATEUR METTANT EN OEUVRE DE TELS PROCEDES**
[72] THEMEREAU, VINCENT, FR
[73] STREAMWIDE, FR
[85] 2014-11-20
[86] 2013-05-29 (PCT/FR2013/051195)
[87] (WO2013/178944)
[30] FR (12 55031) 2012-05-31

[11] **2,874,302**
[13] C
[51] **Int.Cl. B65D 6/16 (2006.01)**
[25] EN
[54] **COLLAPSIBLE CONTAINER HAVING FOLDABLE SIDE AND END PANELS**
[54] **CONTENANT PLIABLE COMPORTANT DES PANNEAUX LATERAUX ET D'EXTREMITE PLIABLES**
[72] FICKER, PAUL J., US
[73] BUCKHORN, INC., US
[86] (2874302)
[87] (2874302)
[22] 2014-12-11
[30] US (61/919,500) 2013-12-20

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[13] C
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 38/42 (2006.01) A61P 7/00 (2006.01)**
[25] EN
[54] **MICRO-PARTICLES, BLOOD-SUBSTITUTE AND METHOD FOR FORMING SAME**
[54] **MICRO-PARTICULES, SUCCEDANE DE SANG ET PROCEDE DE FORMATION**
[72] BAUMLER, HANS, DE
[72] GEORGIEVA, RADOSTINA, DE
[73] CC-ERY GMBH, DE
[86] (2874374)
[87] (2874374)
[22] 2008-07-14
[62] 2,695,952
[30] EP (07112474.7) 2007-07-13

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[13] C
[51] **Int.Cl. A01H 4/00 (2006.01) A01H 7/00 (2006.01) A01G 1/00 (2006.01) A01G 31/00 (2006.01)**
[25] EN
[54] **METHODS FOR SEPARATING PLANT GERMINANTS FROM GELLED MEDIA**
[54] **PROCEDES POUR SEPARER DES GERMINATS DE PLANTE DE MILIEUX GELIFIES**
[72] JAMRUSZKA-LEWIS, AMY M., US
[73] WEYERHAEUSER NR COMPANY, US
[85] 2014-11-20
[86] 2013-06-25 (PCT/US2013/047673)
[87] (WO2014/004548)
[30] US (61/665,133) 2012-06-27

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[13] C
[51] **Int.Cl. A01D 41/14 (2006.01) A01D 45/02 (2006.01)**
[25] EN
[54] **HARVESTING ATTACHMENT FOR A HARVESTER**
[54] **ACCESSOIRE DE MOISSON POUR UNE MOISSONNEUSE**
[72] SCHRATTENECKER, FRANZ, AT
[73] CNH INDUSTRIAL BELGIUM N.V., BE
[73] BISO SCHRATTENECKER GMBH, AT
[85] 2014-11-24
[86] 2013-06-11 (PCT/EP2013/001710)
[87] (WO2013/185908)
[30] DE (10 2012 011 912.7) 2012-06-15

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[13] C
[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/266 (2011.01) H04N 21/4627 (2011.01) H04N 21/835 (2011.01)**
[25] EN
[54] **POLICY ENFORCEMENT FOR MULTIPLE DEVICES USING AN AUDIENCE DEFINITION**
[54] **MISE EN APPLICATION DE POLITIQUES POUR DES DISPOSITIFS MULTIPLES A L'AIDE D'UNE DEFINITION D'AUDIENCE**
[72] BAHNCK, THOMAS J., US
[73] ARRIS ENTERPRISES LLC, US
[85] 2014-11-24
[86] 2013-05-30 (PCT/US2013/043458)
[87] (WO2013/181456)
[30] US (13/485,745) 2012-05-31

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[54] **SEMICONDUCTOR LASER LIGHT SOURCE**
[54] **SOURCE DE LUMIERE LASER A SEMICONDUCTEUR**
[72] YAMAMOTO, SHUHEI, JP
[72] NAKAMURA, AKIRA, JP
[72] IKEDA, KAZUTAKA, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[86] (2874992)
[87] (2874992)
[22] 2014-12-16
[30] JP (2014-049116) 2014-03-12

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[25] EN
[54] **METHOD AND APPARATUS FOR CONNECTING METAL STRIPS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE RELIER DES BANDES METALLIQUES**
[72] NOE, ANDREAS, DE
[72] AMBAUM, FRIEDHELM, DE
[73] BWG BERGWERK-UND WALZWERK-MASCHINENBAU GMBH, DE
[85] 2014-11-28
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[51] **Int.Cl. H05B 3/56 (2006.01) F16B 2/00 (2006.01)**
[25] EN
[54] **SILICONE BAND CABLE HEATER ASSEMBLY, METHOD OF MAKING AND METHOD OF USE**
[54] **ENSEMBLE BANDE DE SILICONE DE CHAUFFE POUR CABLES, ET PROCEDES DE FABRICATION ET D'UTILISATION**
[72] LOLLAR, JAMES PATRICK, US
[73] TUTCO, INC., US
[86] (2875390)
[87] (2875390)
[22] 2014-12-17
[30] US (14/136,035) 2013-12-20

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[51] **Int.Cl. B23K 9/12 (2006.01) B23K 9/133 (2006.01) B23K 9/173 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **WELDING SYSTEM AND METHOD WITH A SENSOR FOR SENSING A PARAMETER INDICATIVE OF THE DIAMETER OF A WELDING CONSUMABLE**
[54] **SYSTEME DE SOUDAGE ET PROCEDE FAISANT APPEL A UN DETECTEUR DESTINE A DETECTER UN PARAMETRE INDIQUANT LE DIAMETRE D'UN CONSOMMABLE DE SOUDAGE**
[72] HEMMERT, BRADLEY WILLIAM, US
[72] KADLEC, MARK STEVEN, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-12-02
[86] 2013-06-05 (PCT/US2013/044210)
[87] (WO2013/184742)
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[51] **Int.Cl. B29C 31/00 (2006.01) B29D 99/00 (2010.01) F03D 1/00 (2006.01)**
[25] EN
[54] **HANDLING DEVICE FOR HANDLING A ROTOR BLADE MOLD FOR PRODUCING A ROTOR BLADE OF A WIND TURBINE**
[54] **DISPOSITIF DE MANIPULATION DESTINE A MANIPULER UN MOULE DE PALE DE ROTOR DESTINE A FABRIQUER UNE PALE DE ROTOR D'UNE EOLIENNE**
[72] GEORGS, ARNO, DE
[72] BIEBL, HERBERT, DE
[72] SCHLUTER, RAINER, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-12-05
[86] 2013-07-01 (PCT/EP2013/063842)
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[25] EN
[54] **STRUCTURAL MEMBER IN FRAMEWORK STRUCTURES**
[54] **ELEMENT STRUCTUREL DANS DES STRUCTURES DE CHASSIS**
[72] SWENTERS, IVO, BE
[73] SWENTERS, IVO, BE
[85] 2014-12-08
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[51] **Int.Cl. H04N 13/00 (2006.01)**
[25] EN
[54] **AN APPARATUS, A METHOD AND A COMPUTER PROGRAM FOR 3D VIDEO CODING**
[54] **APPAREIL, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR POUR UN CODAGE VIDEO EN 3D**
[72] RUSANOVSKYY, DMYTRO, FI
[72] HANNUKSELA, MISKA MATIAS, FI
[73] NOKIA TECHNOLOGIES OY, FI
[85] 2014-12-11
[86] 2013-06-17 (PCT/FI2013/050662)
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[25] EN
[54] **FOUNDATION FOR WIND TURBINES**
[54] **FONDATION POUR EOLIENNES**
[72] ALBERS, KARSTEN, DE
[72] EGBERTS, HENDRIK, DE
[72] MEYER, INGO, DE
[72] SOUSA, SERGIO, PT
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-12-12
[86] 2013-06-10 (PCT/EP2013/061869)
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[51] **Int.Cl. B64C 1/18 (2006.01) B64C 1/06 (2006.01) B64C 27/04 (2006.01)**
[25] FR
[54] **FUSELAGE STRUCTURE OF A ROTORCRAFT INTEGRATING A LOAD CARRYING MEDIAN FLOOR INTERPOSED BETWEEN A PASSENGER AREA AND A TECHNICAL AREA**
[54] **STRUCTURE DE FUSELAGE D'UN GIRAVION INTEGRANT UN PLANCHER MEDIAN TRAVAILLANT INTERPOSE ENTRE UN LOCAL HABITABLE ET UN LOCAL TECHNIQUE**
[72] MAIROU, JOSEPH, FR
[72] NICOLA, JEAN, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2876813)
[87] (2876813)
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[25] EN
[54] **MULTI-STAGE BACK PRESSURE REGULATORS AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS**
[54] **REGULATEURS DE CONTRE-PRESSION A ETAGES MULTIPLES ET DISPOSITIFS, SYSTEMES ET PROCEDES ASSOCIES**
[72] KIRCHNER, MARK W., US
[72] STEELE, SCOTT, US
[73] SKO FLO INDUSTRIES, INC., US
[85] 2014-12-16
[86] 2013-07-09 (PCT/US2013/049807)
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[51] **Int.Cl. E21B 19/15 (2006.01)**
[25] EN
[54] **LONG LATERAL COMPLETION SYSTEM AND METHOD FOR PIPE HANDLING**
[54] **SYSTEME ET PROCEDE DE COMPLETION LATERALE LONGUE POUR MANIPULATION DE TIGES**
[72] FLUSCHE, MARK J., US
[73] SUPERIOR ENERGY SERVICES-NORTH AMERICA SERVICES, INC., US
[85] 2014-12-19
[86] 2013-06-20 (PCT/US2013/000156)
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[54] **VALVE FOR AEROSOL CONTAINER**
[54] **SOUPAPE POUR CONTENANT PRESSURISE**
[72] FRANZ, WALTER, DE
[72] SELING, KERSTIN, DE
[73] THOMAS GMBH, DE
[86] (2877638)
[87] (2877638)
[22] 2015-01-12
[30] DE (10 2014 100 280.6) 2014-01-13

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[25] EN
[54] **POWER SUPPLY APPARATUS AND METHOD FOR PROVIDING BACKUP POWER**
[54] **APPAREIL D'ALIMENTATION ELECTRIQUE ET PROCEDE DE FOURNITURE D'ENERGIE DE SAUVEGARDE**
[72] BENNETT, JOHN, US
[72] MILLER, GREG, US
[72] PARROT, MIKE, US
[72] FERRARO, JIM, US
[72] KIRK, GREG, US
[72] BHAKTA, DHARMESH, US
[72] COONROD, DONALD S., US
[72] SMITH, TYLER, US
[72] SCHLANGER, GRAHAM, US
[72] TUCKER, AMBER, US
[72] CASTILLO, ADAM, US
[72] GAINES, JENNIFER, US
[72] HAVIS, KEVIN, US
[72] RIEMER, MICHAEL, US
[72] PAPPAS, MICHAEL, US
[72] VEST, THOMAS, US
[72] BOYD, MICHAEL, US
[72] SINGLETON, KELVIN, US
[72] REDD, DEREK, US
[73] EAGLEPICHER TECHNOLOGIES, LLC, US
[73] CAMERON INTERNATIONAL CORPORATION, US
[85] 2014-12-22
[86] 2013-06-27 (PCT/US2013/048255)
[87] (WO2014/004872)
[30] US (61/664,882) 2012-06-27
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[25] EN
[54] **METHODS AND SYSTEMS FOR FEEDING FILLER MATERIAL TO A WELDING OPERATION**
[54] **PROCEDES ET SYSTEMES POUR DELIVRER UN MATERIAU DE CHARGE A UNE OPERATION DE SOUDAGE**
[72] VAN BOXTEL, LEE THOMAS, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-12-22
[86] 2013-07-05 (PCT/US2013/049478)
[87] (WO2014/011504)
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[25] EN
[54] **PROCESSES FOR PRODUCING MOLTEN GLASSES FROM GLASS BATCHES USING TURBULENT SUBMERGED COMBUSTION MELTING, AND SYSTEMS FOR CARRYING OUT SUCH PROCESSES**
[54] **PROCEDES DE PRODUCTION DE VERRES LIQUIDES A PARTIR DE COMPOSITIONS DE VERRE AU MOYEN D'UNE FUSION PAR COMBUSTION EN IMMERSION TURBULENTE, ET SYSTEMES POUR METTRE EN □UVRE CES PROCEDES**
[72] SHOCK, JEFFREY M., US
[72] MCCANN, JONATHAN, US
[73] JOHNS MANVILLE, US
[85] 2014-12-30
[86] 2013-06-25 (PCT/US2013/047667)
[87] (WO2014/008045)
[30] US (13/540,704) 2012-07-03

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[25] EN
[54] **SEALED CONNECTION FOR A COMPOSITE TUBE**
[54] **RACCORD SCELLE POUR UN TUBE EN COMPOSITE**
[72] DOOLE, TIMOTHY JOHN, GB
[72] O'GARA, DARCY JOHN, GB
[72] LEWIS, PAUL ANTHONY, GB
[72] DEWHIRST, MICHAEL JOHN, GB
[73] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[85] 2015-01-12
[86] 2013-07-15 (PCT/GB2013/051881)
[87] (WO2014/009755)
[30] GB (1212531.6) 2012-07-13

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[13] C
[51] **Int.Cl. G01N 27/00 (2006.01) F17D 5/00 (2006.01)**
[25] EN
[54] **HIGH POWERED CURRENT GENERATOR FOR ELECTROMAGNETIC INSPECTION OF HYDROCARBON PIPELINES**
[54] **GENERATEUR DE COURANT A PUISSANCE ELEVEE POUR INSPECTION ELECTROMAGNETIQUE DES PIPELINES D'HYDROCARBURES**
[72] NAKAMURA LABASTIDA, EDGAR KIYOSHI, MX
[72] MOUSATOV, ALEKSANDR, MX
[72] FLORES ROA, ALBERTO, MX
[73] INSTITUTO MEXICANO DEL PETROLEO, MX
[86] (2879482)
[87] (2879482)
[22] 2015-01-23
[30] MX (MX/A/2014/000944) 2014-01-24

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[51] **Int.Cl. A61F 2/97 (2013.01)**
[25] EN
[54] **SYSTEMS OF DEPLOYMENT OF ENDOLUMINAL DEVICES**
[54] **SYSTEMES DE POSE DE DISPOSITIFS ENDOLUMINAUX**
[72] NORRIS, PATRICK M., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-01-19
[86] 2013-08-07 (PCT/US2013/053902)
[87] (WO2014/025853)
[30] US (61/682,136) 2012-08-10
[30] US (13/959,540) 2013-08-05

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[51] **Int.Cl. C07C 7/20 (2006.01) C08F 2/40 (2006.01) C09K 15/18 (2006.01) C09K 15/24 (2006.01)**
[25] EN
[54] **COMPOSITION OF QUINONE METHIDE DERIVATIVES AND AMINES FOR CONTROL AND INHIBITION OF POLYMERIZATION OF MONOMERS, AND METHOD OF PREPARATION AND USE THEREOF**
[54] **COMPOSITION DE DERIVES DE METHYLURE DE QUINONE ET D'AMINES PERMETTANT DE LIMITER ET D'INHIBER LA POLYMERISATION DE MONOMERES ET SON PROCEDE DE PREPARATION ET D'UTILISATION**
[72] SUBRAMANIYAM, MAHESH, IN
[73] DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED, IN
[85] 2015-01-27
[86] 2013-08-21 (PCT/IB2013/056787)
[87] (WO2014/030131)
[30] IN (2465/MUM/2012) 2012-08-24

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[51] **Int.Cl. B05B 7/04 (2006.01)**
[25] EN
[54] **FOAM DISPENSING GUN**
[54] **PISTOLET DE DISTRIBUTION DE MOUSSE**
[72] GANTENBEIN, STEFAN, US
[72] FISHBACK, THOMAS, US
[72] JONAS, SARA, US
[72] CAFFOE, DOUGLAS, US
[72] MCQUAID, JOHN, US
[72] SHOEMAKER, TIMOTHY, US
[72] ARMES, KERRY, US
[72] MIEDZA, CHRISTOPHER, US
[72] MIZER, SCOTT E., US
[72] MILLIFF, BRIAN, US
[72] MACZUZAK, MICHAEL J., US
[73] ICP ADHESIVES AND SEALANTS, INC., US
[85] 2015-02-03
[86] 2013-07-31 (PCT/US2013/052984)
[87] (WO2014/022539)
[30] US (61/679,240) 2012-08-03

[11] **2,881,103**
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[51] **Int.Cl. B62D 5/06 (2006.01) B62D 5/08 (2006.01)**
[25] EN
[54] **ELECTRIC-CONTROL MULTIMODE STEERING VALVE, STEERING HYDRAULIC CONTROL SYSTEM, AND WHEEL TYPE CRANE**
[54] **SOUPAPE DE DIRECTION MULTIMODE A COMMANDE ELECTRIQUE, SYSTEME DE COMMANDE HYDRAULIQUE DE DIRECTION ET GRUE DU TYPE A ROUES**
[72] SHI, XIANXIN, CN
[72] DING, HONGGANG, CN
[72] YE, HAIXIANG, CN
[72] FANG, XIN, CN
[72] ZHANG, FUYI, CN
[73] XUZHOU HEAVY MACHINERY CO., LTD., CN
[85] 2015-02-04
[86] 2013-11-15 (PCT/CN2013/087187)
[87] (WO2014/082530)
[30] CN (201210492525.2) 2012-11-27

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[51] **Int.Cl. F02K 7/00 (2006.01)**
[25] EN
[54] **VAPOR JETTING DEVICE AND SPACECRAFT**
[54] **DISPOSITIF DE PULVERISATION DE VAPEUR ET ENGIN SPATIAL**
[72] IZUMIYAMA, TAKU, JP
[72] MORI, HATSUO, JP
[72] HASHIMOTO, KOZUE, JP
[72] NAGAO, TORU, JP
[73] IHI CORPORATION, JP
[73] IHI AEROSPACE CO., LTD., JP
[85] 2015-02-04
[86] 2013-08-08 (PCT/JP2013/071500)
[87] (WO2014/024966)
[30] JP (2012-177919) 2012-08-10

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[25] EN
[54] **DRILLING DEVICE AND METHOD FOR PRODUCING A BORE**
[54] **DISPOSITIF DE FORAGE ET PROCEDE DE PRODUCTION D'UN ALESAGE**
[72] FINKENZELLER, STEFAN MICHAEL, DE
[72] KLIPPENSTEIN, JURGEN, DE
[72] WEIXLER, LEONHARD, DE
[73] BAUER MASCHINEN GMBH, DE
[85] 2015-02-05
[86] 2013-07-16 (PCT/EP2013/064980)
[87] (WO2014/032847)
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[51] **Int.Cl. H05K 5/00 (2006.01) G01F 1/84 (2006.01) H05K 5/02 (2006.01) H05K 7/14 (2006.01)**
[25] EN
[54] **FLAMEPROOF HOUSING WITH DISPLAY**
[54] **BOITIER RESISTANT AU FEU COMPORTANT UNE FENETRE**
[72] CLARKE, DAVID, US
[72] DESHPANDE, ATUL VASANT, IN
[73] MICRO MOTION, INC., US
[85] 2015-02-12
[86] 2012-08-28 (PCT/US2012/052632)
[87] (WO2014/035373)

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[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/32 (2012.01) H04L 9/32 (2006.01)**
[25] EN
[54] **OBTAINING A SIGNATURE FROM A REMOTE USER**
[54] **OBTENTION D'UNE SIGNATURE A PARTIR D'UN UTILISATEUR A DISTANCE**
[72] NEUWIRTH, VOLKER, US
[73] ZUKUNFTWARE, LLC, US
[85] 2015-03-09
[86] 2013-09-03 (PCT/US2013/057859)
[87] (WO2014/042911)
[30] US (61/700,250) 2012-09-12
[30] US (13/731,942) 2012-12-31
[30] US (14/012,005) 2013-08-28

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[51] **Int.Cl. B60R 16/033 (2006.01)**
[25] EN
[54] **VEHICLE WITH WINCH**
[54] **VEHICULE EQUIPE D'UN TREUIL**
[72] SHIOKAWA, TATSUYA, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2885075)
[87] (2885075)
[22] 2015-03-13
[30] US (2014-067834) 2014-03-28

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[51] **Int.Cl. F16C 33/10 (2006.01)**
[25] EN
[54] **JOURNAL BEARING AND METHOD OF FACILITATING HYDRODYNAMIC OIL FLOW, LOAD CAPACITY AND OPTIMIZATION OF BEARING PERFORMANCE**
[54] **PALIER LISSE ET PROCEDE PERMETTANT DE FACILITER L'ECOULEMENT D'HUILE HYDRODYNAMIQUE, CAPACITE DE CHARGE ET OPTIMISATION DE LA PERFORMANCE DU PALIER**
[72] GHANIME, GEORGE HANNA, US
[72] HALLMAN, DARREN LEE, US
[72] TWIST, CHRISTINA PAIGE, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-03-19
[86] 2013-09-09 (PCT/US2013/058697)
[87] (WO2014/051972)
[30] US (13/630,116) 2012-09-28

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[51] **Int.Cl. F16G 5/06 (2006.01) F16G 5/20 (2006.01) F16H 9/24 (2006.01)**
[25] EN
[54] **DOUBLE COGGED V-BELT FOR VARIABLE SPEED DRIVE**
[54] **COURROIE EN V DENTEE DOUBLE POUR ENTRAINEMENT A VITESSE VARIABLE**
[72] FAN, XINJIAN, US
[72] LU, WENLONG, CN
[72] SATO, YOSHITAKA, JP
[73] GATES CORPORATION, US
[86] (2885846)
[87] (2885846)
[22] 2010-04-14
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[25] EN
[54] **CLAMP DEVICE FOR MOUNTING ANTENNA TO RAIL**
[54] **DISPOSITIF DE SERRAGE SERVANT AU MONTAGE D'ANTENNE SUR RAIL**
[72] LETTKEMAN, DAVID M., US
[73] DISH NETWORK L.L.C., US
[85] 2015-02-13
[86] 2013-08-16 (PCT/US2013/055320)
[87] (WO2014/028830)
[30] US (61/684,071) 2012-08-16

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[13] C
[51] **Int.Cl. B65D 19/32 (2006.01)**
[25] EN
[54] **FOAM PALLETS AND METHODS FOR CONSTRUCTING**
[54] **PALETTES DE MOUSSE ET PROCEDES POUR LA CONSTRUCTION**
[72] PARADIS, DUANE, US
[72] CALZAVARA, THOMAS S., US
[72] BRENNAN, SHAWN, CA
[73] JOHNS MANVILLE, US
[85] 2015-03-25
[86] 2013-09-05 (PCT/US2013/058307)
[87] (WO2014/058547)
[30] US (13/647,532) 2012-10-09

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[13] C
[51] **Int.Cl. H04M 3/527 (2006.01) H04M 3/523 (2006.01)**
[25] EN
[54] **COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR DETECTING EVENTS FOR USE IN AN AUTOMATED CALL CENTER ENVIRONMENT**
[54] **SYSTEME INFORMATIQUE ET METHODES DE DETECTION D'EVENEMENTS POUR UN ENVIRONNEMENT DE CENTRE D'APPELS AUTOMATISES**
[72] MILSTEIN, DAVID, US
[72] ODINAK, GILAD, US
[72] LEE, HOWARD M., US
[73] INTELLISIST, INC., US
[86] (2886421)
[87] (2886421)
[22] 2015-03-25
[30] US (61/970,283) 2014-03-25
[30] US (14/667,549) 2015-03-24

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[13] C
[51] **Int.Cl. E01C 19/50 (2006.01)**
[25] EN
[54] **PREFABRICATED MOLD FOR CONSTRUCTION OF CONCRETE PAVEMENT**
[54] **COFFRAGE PREFABRIQUE POUR CONSTRUIRE DES ROUTES PAVEES DE BETON**
[72] PARK, HAE YOUNG, KR
[73] PARK, HAE YOUNG, KR
[85] 2015-04-07
[86] 2013-10-22 (PCT/KR2013/009397)
[87] (WO2014/148716)
[30] KR (10-2013-0030119) 2013-03-21

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[13] C
[51] **Int.Cl. B01D 39/16 (2006.01) B01D 39/18 (2006.01)**
[25] EN
[54] **FLAME-RETARDANT GAS FILTER MATERIAL HAVING HIGH DUST STORAGE CAPACITY**
[54] **MATERIAU FILTRANT IGNIFUGE A HAUTE CAPACITE D'ACCUMULATION DE POUSSIERES POUR LA FILTRATION DE GAZ**
[72] DEMMEL, ANDREAS, DE
[72] HORL, WERNER, DE
[73] NEENAH GESSNER GMBH, DE
[85] 2015-04-07
[86] 2013-09-24 (PCT/EP2013/069802)
[87] (WO2014/072117)
[30] DE (10 2012 220 546.2) 2012-11-12

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[25] EN
[54] **METHOD FOR THE PRODUCTION OF AN ALUMINIZED PACKAGING STEEL**
[54] **PROCEDE DE PRODUCTION D'UN ACIER D'EMBALLAGE ALUMINISE**
[72] GADE, DIRK, DE
[72] SAUER, REINER, DE
[72] KAUP, BURKHARD, DE
[72] KOHL, MANUEL, DE
[73] THYSSENKRUPP RASSELSTEIN GMBH, DE
[73] THYSSENKRUPP AG, DE
[86] (2887936)
[87] (2887936)
[22] 2015-04-16
[30] DE (10 2014 108 335.0) 2014-06-13

[11] **2,888,231**
[13] C
[51] **Int.Cl. A61M 25/00 (2006.01)**
[25] EN
[54] **VAPOR HYDRATED MEDICAL DEVICE WITH LOW SURFACE ENERGY SLEEVE**
[54] **DIPOSITIF MEDICAL HYDRATE PAR VAPEUR AYANT UNE MANCHE DE TENSION DE SURFACE REDUITE**
[72] ROSTAMI, SHAMSEDIN, GB
[73] HOLLISTER INCORPORATED, US
[85] 2015-04-16
[86] 2013-03-13 (PCT/US2013/030898)
[87] (WO2014/062223)
[30] US (61/715,370) 2012-10-18

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[13] C
[51] **Int.Cl. E21B 17/042 (2006.01)**
[25] EN
[54] **SUPERHIGH TORSIONAL STRENGTH, METALLIC AND AIRTIGHT DRILLROD COUPLER**
[54] **JOINT POUR TIGE DE FORAGE A ETANCHEITE HERMETIQUE, METALLIQUE, RESISTANT A UNE TORSION ULTRA-ELEVEE**
[72] ZHAO, PENG, CN
[72] WANG, MINGHUA, CN
[72] LIU, SHAOFENG, CN
[72] YUAN, LIN, CN
[72] GENG, BOCHENG, CN
[73] BAOSHAN IRON & STEEL CO., LTD., CN
[85] 2015-04-14
[86] 2013-10-21 (PCT/CN2013/085552)
[87] (WO2014/146428)
[30] CN (201310093446.9) 2013-03-21

[11] **2,888,401**
[13] C
[51] **Int.Cl. B65G 57/16 (2006.01) B65H 29/26 (2006.01) G01N 33/48 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **CONTAINER COLLECTING DEVICE AND URINALYSIS APPARATUS USING CONTAINER CO LLECTING DEVICE**
[54] **DISPOSITIF DE COLLECTE DE CONTENANT ET APPAREIL D'ANALYSE D'URINE EMPLOYANT LE DISPOSITIF DE COLLECTE DE CONTENANT**
[72] ITOH, TERUAKI, JP
[73] IDS CO., LTD., JP
[86] (2888401)
[87] (2888401)
[22] 2015-04-20
[30] JP (2014-090584) 2014-04-24

[11] **2,888,584**
[13] C
[51] **Int.Cl. E21B 19/15 (2006.01) B25J 9/18 (2006.01) B25J 19/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTONOMOUS TRIPPING OF OIL WELL PIPES**
[54] **SYSTEMES ET PROCEDES DE DECLENCHEMENT AUTONOME DE CANALISATIONS DE PUITS DE PETROLE**
[72] TAFAZOLI BILANDI, SHAHRAM, CA
[72] ZIRAKNEJAD, NIMA, CA
[72] NABAVI, NIMA, CA
[72] ZENG, HAIRONG, CA
[72] ABDOLLAHI, ABDOLREZA, CA
[72] HEINRICH, CARL, CA
[73] MOTION METRICS INTERNATIONAL CORP., CA
[86] (2888584)
[87] (2888584)
[22] 2007-06-14
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[51] **Int.Cl. A61B 17/34 (2006.01) A61B 34/20 (2016.01) A61M 25/095 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TARGETING A BODY TISSUE**
[54] **APPAREIL ET PROCEDE DE CIBLAGE D'UN TISSU CORPOREL**
[72] KAPADIA, SAMIR, US
[72] BERRADA, MARWANE, CA
[72] FUENTES-ORTEGA, CESAR, CA
[72] MOK, DANIEL WING FAI, CA
[73] THE CLEVELAND CLINIC FOUNDATION, US
[73] BAVARIA MEDICAL TECHNOLOGY, CANADA INC., CA
[85] 2015-04-21
[86] 2013-10-22 (PCT/US2013/066173)
[87] (WO2014/066383)
[30] US (61/716,690) 2012-10-22
[30] US (61/716,693) 2012-10-22
[30] US (61/716,699) 2012-10-22
[30] US (61/716,705) 2012-10-22
[30] US (61/716,716) 2012-10-22
[30] US (61/716,723) 2012-10-22
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[51] **Int.Cl. C08J 5/18 (2006.01) C08J 9/00 (2006.01) C08L 45/00 (2006.01) C08L 53/00 (2006.01)**
[25] EN
[54] **SELF-ASSEMBLED STRUCTURE AND MEMBRANE COMPRISING BLOCK COPOLYMER AND PROCESS FOR PRODUCING THE SAME BY SPIN COATING (IIIA)**
[54] **STRUCTURE AUTOASSEMBLEE ET MEMBRANE COMPORTANT UN COPOLYMERE SEQUENCE ET PROCEDE DE PRODUCTION ASSOCIE A L'AIDE DE TECHNIQUE DE DEPOT PAR ROTATION (IIIA)**
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US
[72] SHI, SELINA, US
[73] PALL CORPORATION, US
[86] (2889394)
[87] (2889394)
[22] 2015-04-24
[30] US (14/292,580) 2014-05-30

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[51] **Int.Cl. C07C 7/08 (2006.01) B01J 19/24 (2006.01) C07C 11/167 (2006.01)**
[25] EN
[54] **BUTADIENE EXTRACTION PROCESS FEATURING LIQUID RING COMPRESSOR**
[54] **PROCEDE D'EXTRACTION DE BUTADIENE COMPORTANT UN COMPRESSEUR A ANNEAU LIQUIDE**
[72] SCHWINT, KEVIN JOHN, US
[72] BRUMMER, ROBERT J., US
[73] LUMMUS TECHNOLOGY INC., US
[85] 2015-04-29
[86] 2013-10-15 (PCT/US2013/065056)
[87] (WO2014/070447)
[30] US (61/720,038) 2012-10-30

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[51] **Int.Cl. A62B 7/14 (2006.01)**
[25] EN
[54] **AIRCRAFT LAVATORY OXYGEN SOURCE**
[54] **SOURCE D'OXYGENE DE TOILETTES D'AERONEF**
[72] SCHRADER, ADAM LEE, US
[72] MURTA, KENNETH MICHAEL, US
[72] ROGERS, BRYAN NICHOLAS, US
[72] MCLELLAND, MARK WESLEY, US
[73] B/E AEROSPACE, INC., US
[85] 2015-05-01
[86] 2013-11-07 (PCT/US2013/069001)
[87] (WO2014/074746)
[30] US (61/724,772) 2012-11-09
[30] US (14/073,590) 2013-11-06

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[51] **Int.Cl. E21B 23/01 (2006.01) E21B 47/13 (2012.01) E21B 7/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MILLING/DRILLING WINDOWS AND LATERAL WELLBORES WITHOUT LOCKING USING UNLOCKED FLUID-MOTOR**
[54] **APPAREIL ET PROCEDE POUR FRAISER/FORER DES FENETRES ET DES PUITS DE FORAGE LATERAUX SANS VERROUILLAGE A L'AIDE D'UN MOTEUR A FLUIDE DEVERROUILLE**
[72] HUVAL, SIDNEY D., US
[72] BLACKMAN, MICHAEL J., US
[72] BUTLER, JUSTIN P., US
[73] BAKER HUGUES INCORPORATED, US
[85] 2015-05-07
[86] 2013-10-23 (PCT/US2013/066276)
[87] (WO2014/078028)
[30] US (13/678,249) 2012-11-15

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[51] **Int.Cl. B01L 3/00 (2006.01) G01N 1/31 (2006.01) G01N 35/00 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **SPECIMEN PROCESSING SYSTEMS AND METHODS FOR MODERATING EVAPORATION**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT D'ECHANTILLONS PERMETTANT DE MODERER L'EVAPORATION**
[72] ASHBY, AUSTIN MICHEIL, US
[72] BARNES, BRYAN, US
[72] GROLL, HENNING, US
[72] JONES, JESSICA, US
[72] KRAM, BRYAN HOWARD, US
[72] MARSHALL, KEVIN DAVID, US
[72] PANG, LIZHEN, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2015-05-08
[86] 2013-12-20 (PCT/EP2013/077559)
[87] (WO2014/102161)
[30] US (61/746,087) 2012-12-26
[30] US (61/794,757) 2013-03-15

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[13] C
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **TRANSMISSION OF NOTIFICATIONS TO MULTIPLE DEVICES ASSOCIATED WITH A USER**
[54] **TRANSMISSION DE NOTIFICATIONS A DE MULTIPLES DISPOSITIFS ASSOCIES A UN UTILISATEUR**
[72] DEETER, KEN TARO, US
[72] KAO, WAYNE, US
[73] FACEBOOK, INC., US
[85] 2015-05-08
[86] 2013-11-13 (PCT/US2013/069842)
[87] (WO2014/085087)
[30] US (13/686,040) 2012-11-27

[11] 2,891,432
[13] C
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **SECURELY RECEIVING FROM A REMOTE USER SENSITIVE INFORMATION AND AUTHORIZATION TO PERFORM A TRANSACTION USING THE SENSITIVE INFORMATION**
[54] **RECEPTION SECURISEE D'INFORMATIONS CONFIDENTIELLES PROVENANT D'UN UTILISATEUR DISTANT ET AUTORISATION D'EFFECTUER UNE TRANSACTION EN UTILISANT LES INFORMATIONS CONFIDENTIELLES**
[72] NEUWIRTH, VOLKER, US
[73] ZUKUNFTWARE, LLC, US
[85] 2015-05-13
[86] 2013-12-20 (PCT/US2013/076939)
[87] (WO2014/105702)
[30] US (13/731,879) 2012-12-31
[30] US (13/731,942) 2012-12-31
[30] US (14/012,005) 2013-08-28

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[13] C
[51] **Int.Cl. B07C 5/342 (2006.01)**
[25] EN
[54] **A METHOD FOR X-RAY-LUMINESCENCE SEPARATION OF MINERALS AND AN X-RAY-LUMINESCENT SORTER FOR CARRYING OUT SAID METHOD**
[54] **UNE METHODE DE SEPARATION PAR LUMINESCENCE A RAYONS X DE MINERAUX ET TRIEUR LUMINESCENT A RAYONS X SERVANT A EXECUTER LADITE METHODE**
[72] KAZAKOV, LEONID VASILIEVICH, RU
[72] KOLOSOVA, NATALIA PAVLOVNA, RU
[72] KUCHIN, PAVEL NIKOLAEVICH, RU
[72] TSVETKOV, VLADIMIR IOSIFOVICH, RU
[73] RESEARCH AND PRODUCTION ENTERPRISE "BOUREVESTNIK", RU
[85] 2015-05-13
[86] 2013-11-21 (PCT/RU2013/001039)
[87] (WO2014/178753)
[30] RU (2013120814) 2013-04-29

[11] 2,892,609
[13] C
[51] **Int.Cl. E02D 23/00 (2006.01) E02D 23/16 (2006.01) E21B 7/18 (2006.01)**
[25] EN
[54] **SUCTION CAISSON WITH WEAKENED SECTION AND METHOD FOR INSTALLING THE SAME**
[54] **CAISSON D'ASPIRATION DOTE D'UNE SECTION FRAGILISEE ET SON PROCEDE D'INSTALLATION**
[72] YOUNAN, ADEL H., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-05-26
[86] 2013-11-13 (PCT/US2013/069930)
[87] (WO2014/088770)
[30] US (61/734,813) 2012-12-07

[11] 2,892,997
[13] C
[51] **Int.Cl. E21B 43/114 (2006.01) E21B 33/124 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR STIMULATING A MULTI-ZONE SUBTERRANEAN FORMATION**
[54] **SYSTEME ET PROCEDES DE STIMULATION D'UNE FORMATION SOUTERRAINE MULTI-ZONE**
[72] TOLMAN, RANDY C., US
[72] BENISH, TIMOTHY G., US
[72] STEINER, GEOFFREY F., US
[72] NYGAARD, KRIS J., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-05-28
[86] 2013-11-18 (PCT/US2013/070607)
[87] (WO2014/099208)
[30] US (61/745,144) 2012-12-21
[30] US (61/835,331) 2013-06-14

[11] **2,893,397**
[13] C
[51] **Int.Cl. A61L 2/20 (2006.01) C01B 15/01 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR GENERATING STEAM AND GASEOUS HYDROGEN PEROXIDE**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION DE VAPEUR ET DE PEROXYDE D'HYDROGENE GAZEUX**
[72] SALMISUO, MAURI, FI
[73] STERIS EUROPE, INC. SUOMEN SIVULIIKE, FI
[86] (2893397)
[87] (2893397)
[22] 2015-06-01
[30] EP (14397517.5) 2014-06-03

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[51] **Int.Cl. F17C 13/08 (2006.01) B64D 25/00 (2006.01)**
[25] EN
[54] **LAVATORY OXYGEN CONTAINER ADAPTOR**
[54] **ADAPTATEUR DE RECIPIENT D'OXYGENE POUR TOILETTES**
[72] SCHRADER, ADAM LEE, US
[72] MURTA, KENNETH MICHAEL, US
[72] MCLELLAND, MARK WESLEY, US
[73] B/E AEROSPACE, INC., US
[85] 2015-06-02
[86] 2013-12-02 (PCT/US2013/072627)
[87] (WO2014/088952)
[30] US (61/732,793) 2012-12-03
[30] US (14/090,734) 2013-11-26

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[13] C
[51] **Int.Cl. A63B 71/06 (2006.01) G09F 19/00 (2006.01)**
[25] EN
[54] **RUN/WALK WITH VISIBLE PROGRESS MARKING**
[54] **COURSE/MARCHE A MARQUAGE DE PROGRES VISIBLE**
[72] SNYDER, TRAVIS L., US
[73] SNYDER, TRAVIS L., US
[85] 2015-06-08
[86] 2013-12-16 (PCT/US2013/075268)
[87] (WO2014/099719)
[30] US (61/738,176) 2012-12-17
[30] US (14/010,932) 2013-08-27

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[51] **Int.Cl. D04H 1/435 (2012.01)**
[25] EN
[54] **CACO3 IN POLYESTER FOR NONWOVEN AND FIBERS**
[54] **CACO3 DANS DU POLYESTER POUR UN NON-TISSE ET DES FIBRES**
[72] BRUNNER, MARTIN, CH
[72] LAURSEN, ERIK, DK
[72] PULLEGA, FRANCESCO, IT
[72] FORNERA, TAZIO, CH
[72] TINKL, MICHAEL, CH
[72] RENTSCH, SAMUEL, CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2015-06-11
[86] 2013-12-20 (PCT/EP2013/077742)
[87] (WO2014/102197)
[30] EP (12199746.4) 2012-12-28
[30] US (61/748,779) 2013-01-04

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[13] C
[51] **Int.Cl. H04L 12/751 (2013.01) H04L 12/721 (2013.01) G06F 9/455 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR IMPLEMENTING COMMUNICATION BETWEEN VIRTUAL MACHINES**
[54] **METHODE ET APPAREIL DE MISE EN PLACE DE COMMUNICATION ENTRE MACHINES VIRTUELLES**
[72] WU, TIANYI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-06-19
[86] 2014-06-16 (PCT/CN2014/079949)
[87] (WO2015/100953)
[30] CN (CN2013/091202) 2013-12-31

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[13] C
[51] **Int.Cl. B62B 3/02 (2006.01) E06C 5/00 (2006.01)**
[25] EN
[54] **MAINTENANCE CART WITH AIR FILTRATION**
[54] **CHARIOT D'ENTRETIEN EQUIPE D'UN MECANISME DE FILTRE A AIR**
[72] HARBER, BLAIR LAWRENCE, CA
[72] MATHEWS, LYNETTE RAVILLE, US
[72] HUNNICK, ADAM BRIAN, CA
[72] SIMMONS, LEONARD GENE, US
[73] ABATEMENT TECHNOLOGIES, INC., US
[86] (2895016)
[87] (2895016)
[22] 2015-06-19
[30] US (62/025,208) 2014-07-16

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[13] C
[51] **Int.Cl. G01F 15/00 (2006.01) E03B 9/02 (2006.01)**
[25] EN
[54] **WATER METER INCLUDING VARIABLE ORIFICE DEVICE**
[54] **COMPTEUR D'EAU COMPRENANT UN DISPOSITIF A ORIFICE VARIABLE**
[72] ZIMMERMAN, MICHAEL J., US
[73] SENSUS SPECTRUM LLC, US
[85] 2015-06-18
[86] 2013-01-18 (PCT/US2013/022130)
[87] (WO2014/107172)
[30] US (13/735,184) 2013-01-07

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[13] C
[51] **Int.Cl. C01B 33/00 (2006.01) C01B 33/107 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PROCESSING OF FINELY DIVIDED SOLIDS DURING THE PRODUCTION OF CHLOROSILANES**
[54] **PROCEDE PERMETTANT DE TRAITER DES MATIERES SOLIDES SOUS FORME DE FINES PARTICULES LORS DE LA PRODUCTION DE CHLOROSILANES**
[72] MARINAS PEREZ, JANAINA, DE
[72] MUH, EKKEHARD, DE
[72] RAULEDER, HARTWIG, DE
[72] KROPFGANS, FRANK, DE
[73] EVONIK DEGUSSA GMBH, DE
[85] 2015-06-19
[86] 2013-11-21 (PCT/EP2013/074376)
[87] (WO2014/095220)
[30] DE (10 2012 224 182.5) 2012-12-21

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[13] C
[51] **Int.Cl. G06F 15/00 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **COMPUTER APPARATUS FOR USE BY SENIOR CITIZENS**
[54] **APPAREIL INFORMATIQUE DESTINE A ETRE UTILISE PAR DES PERSONNES AGEES**
[72] AUCHINLECK, GEOF, CA
[72] SHARMAN, PAUL, CA
[73] CLARIS HEALTHCARE INC., CA
[85] 2015-06-25
[86] 2013-12-24 (PCT/CA2013/001089)
[87] (WO2014/106295)
[30] US (61/748,506) 2013-01-03

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[13] C
[51] **Int.Cl. A63B 71/12 (2006.01) A41D 13/05 (2006.01)**
[25] EN
[54] **PROTECTIVE STRUCTURE FOR SPORTING EQUIPMENT AND METHOD**
[54] **STRUCTURE DE PROTECTION POUR EQUIPEMENT SPORTIF ET PROCEDE ASSOCIE**
[72] NYLUND, MAURI, FI
[73] LICENSING CORPORATION OF FINLAND OY, FI
[85] 2015-06-25
[86] 2013-12-16 (PCT/FI2013/051168)
[87] (WO2014/102451)
[30] FI (20126377) 2012-12-27

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[13] C
[51] **Int.Cl. F23D 14/22 (2006.01) F23D 14/02 (2006.01) F23D 14/60 (2006.01) F23D 14/62 (2006.01) F23N 1/02 (2006.01)**
[25] EN
[54] **SEPARATE FLOW PATH TYPE OF GAS-AIR MIXING DEVICE**
[54] **TYPE DE CHEMIN D'ECOULEMENT SEPARE DE DISPOSITIF DE MELANGE GAZ-AIR**
[72] SON, SEUNG KIL, KR
[73] KYUNGDONG NAVIEN CO., LTD., KR
[86] (2896605)
[87] (2896605)
[22] 2011-12-20
[62] 2,824,674
[30] KR (10-2011-0026776) 2011-03-25
[30] KR (10-2011-0084417) 2011-08-24

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[13] C
[51] **Int.Cl. B60W 50/08 (2012.01) B60W 40/08 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING FEEDBACK BASED ON DRIVING BEHAVIOR**
[54] **PROCEDE ET SYSTEME DE RETOUR D'INFORMATION SUR LA BASE D'UN COMPORTEMENT DE CONDUITE**
[72] MORGAN, GERALD A., US
[72] MACHECA, CHRISTOPHER M., US
[73] GORDON*HOWARD ASSOCIATES, INC., US
[85] 2015-07-07
[86] 2014-01-06 (PCT/US2014/010282)
[87] (WO2014/109972)
[30] US (13/736,468) 2013-01-08

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[13] C
[51] **Int.Cl. E21B 23/02 (2006.01) E21B 23/04 (2006.01)**
[25] EN
[54] **SHIFTING TOOL**
[54] **OUTIL DE DECALAGE**
[72] WEBSTER, OLIVER, GB
[72] PATTON, DAMIEN GERARD, GB
[72] MANNING, MATTHEW, GB
[72] JAFFREY, IAN, GB
[73] PETROWELL LIMITED, GB
[85] 2015-07-28
[86] 2014-03-14 (PCT/GB2014/050787)
[87] (WO2014/140609)
[30] GB (1304769.1) 2013-03-15

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[13] C
[51] **Int.Cl. G06Q 50/30 (2012.01) H04W 4/02 (2009.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **ROUTINE DEVIATION NOTIFICATION**
[54] **NOTIFICATION D'ECART DE ROUTINE**
[72] VACCARI, ANDREA, US
[72] GRISE, GABRIEL, US
[72] LAHIRI, MAYANK, US
[73] FACEBOOK, INC., US
[85] 2015-07-30
[86] 2014-02-05 (PCT/US2014/014844)
[87] (WO2014/123985)
[30] US (13/760,978) 2013-02-06

[11] **2,900,422**
[13] C
[51] **Int.Cl. F16B 7/00 (2006.01) E02D 5/28 (2006.01) E02D 13/00 (2006.01) E21B 17/04 (2006.01)**
[25] EN
[54] **PIPE CONNECTOR**
[54] **RACCORD DE TUYAU**
[72] FORGUES, MARTIN, CA
[73] PIEUX DUMONTREAL INC., CA
[86] (2900422)
[87] (2900422)
[22] 2015-08-13

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[13] C
[51] **Int.Cl. F02M 55/00 (2006.01) F02M 55/02 (2006.01) F02M 61/14 (2006.01)**
[25] EN
[54] **INJECTOR ASSEMBLY**
[54] **DISPOSITIF D'INJECTEUR**
[72] TANI, YUSABURO, JP
[73] HONDA MOTOR CO., LTD., JP
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[54] **ANALYSEUR DE CHARGE DE CHAUDIERE**
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[72] FURUKAWA, HIDEO, JP
[72] HIGUCHI, OSAMU, JP
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[72] KONDRU, RAMA K., US
[72] LOPEZ-TAPIA, FRANCISCO JAVIER, US
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[72] WOOD, KEVIN, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[72] SHARPE, JOSHUA, US
[72] SCHLECHT, JOSEPH, US
[72] FERLEY, ERIC, US
[72] NOEL, JULIEN, US
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[54] **A SUPERVISED AUTONOMOUS ROBOTIC SYSTEM FOR COMPLEX SURFACE INSPECTION AND PROCESSING**
[54] **SYSTEME ROBOTISE AUTONOME SUPERVISE DESTINE A L'INSPECTION ET AU TRAITEMENT DE SURFACE COMPLEXE**
[72] BAKER, CHRISTOPHER L., US
[72] BAKER, CHRISTOPHER RANDOLPH, US
[72] GALATI, DAVID G., US
[72] HAINES, JUSTIN C., US
[72] HERMAN, HERMAN, US
[72] KELLEY, ALONZO J., US
[72] LAWRENCE, STUART EDWIN, US
[72] MEYHOFER, ERIC, US
[72] STENTZ, ANTHONY, US
[72] VALOIS, JEAN-SEBASTIEN, US
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[73] CARNEGIE MELLON UNIVERSITY, US
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[54] **SYSTEME ET PROCEDE DE DETECTION D'UN FEU A ECLATS PAR UTILISATION DE CARACTERISTIQUES SPATIALES DANS DES VUES VIDEO**
[72] LI, RENXIANG, US
[72] ISHTIAQ, FAISAL, US
[73] ARRIS ENTERPRISES LLC, US
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[54] **ANCHORING SYSTEM FOR SEAT BACK**
[54] **SYSTEME D'ANCRAGE POUR UN DOSSIER DE SIEGE**
[72] OLARTE, ALVARO MAURICIO, US
[73] SERIES INTERNATIONAL, LLC, US
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[54] **MOULE POUR ETIRAGE ET PROCEDE DE FABRICATION D'UN MATERIAU MOULE**
[72] NAKAMURA, NAOFUMI, JP
[72] YAMAMOTO, YUDAI, JP
[72] KUROBE, JUN, JP
[73] NISSHIN STEEL CO., LTD., JP
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[72] JOHNSON, DANIEL E., US
[72] COX, EDWARD P., US
[72] PITZER, STARR L., JR., US
[73] VALVEWORKS, LLC, US
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[54] **MACHINE INTEGREE DE SECHAGE ET DE SEPARATION POUR LIT FLUIDISE VIBRANT**
[72] ZHAO, YUEMIN, CN
[72] YANG, XULIANG, CN
[72] ZHAO, PENGFEI, CN
[72] LUO, ZHENFU, CN
[72] CHEN, ZENGQIANG, CN
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[72] MCFARLIN, KEVIN, US
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[72] FERRELL, MICHAEL S., US
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[72] CHEN, GORDON CHING, TW
[73] ALEEES ECO ARK (CAYMAN) CO. LTD., KY
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[54] **DISPOSITIFS DE HOTTES, PROCEDES, ET SYSTEMES DOTES DE CARACTERISTIQUES POUR AMELIORER LA CAPTURE ET LA CONTENTION**
[72] SCHROCK, DEREK W., US
[72] LIVCHAK, ANDREY V., US
[73] OY HALTON GROUP LTD., FI
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[72] BELANGER, GUILLAUME, CA
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[54] **VEHICULE ELECTRIQUE**
[72] AISHIMA, TETSUJI, JP
[72] MURATA, SHIGEAKI, JP
[72] MATSUMOTO, HIROYOSHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **STRUCTURE DE CHARNIERE DE SIEGE DESTINE A UN VEHICULE A SELLE**
[72] HARA, NAOKI, JP
[72] KIKUNO, JUNJI, JP
[72] NAKAJIMA, JUN, JP
[72] TAKITANI, MAKOTO, JP
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[54] **WATER TREATMENT PROCESS AND WATER TREATMENT SYSTEM**
[54] **PROCEDE DE TRAITEMENT D'EAU ET SYSTEME DE TRAITEMENT D'EAU**
[72] EDA, MASAYUKI, JP
[72] OKINO, SUSUMU, JP
[72] YOSHIYAMA, RYUJI, JP
[72] SAKURAI, HIDEAKI, JP
[72] UKAI, NOBUYUKI, JP
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[72] NAKASHOJI, HIROSHI, JP
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[54] **COMPLEX-DYNAMIC AIR AND GROUND VEHICLE CONTROL INCEPTOR**
[54] **DISPOSITIF DE DECLENCHEMENT DE COMMANDE DE VEHICULES AERIENS ET TERRESTRES A DYNAMIQUE COMPLEXE**
[72] SALAMAT, BIJAN, US
[72] SANGUINETTI, JORGE J., US
[72] MYLES, ROBERT J., US
[72] STEPANIAN, AVETIS, US
[72] GABLER, ANDREW K., US
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[54] **FEUILLE ABSORBANTE AYANT UN ENTRELACEMENT DE MICROFIBRES DE CELLULOSE REGENEREE**
[72] SUMNICHT, DANIEL W., US
[72] KOKKO, BRUCE J., US
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[72] STEWART, ALLAN, US
[72] MASHIACH, LI-TAL, US
[73] FACEBOOK, INC., US
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[54] **COMMANDE D'ACCUMULATEUR**
[72] NEISER, RAYMOND R., US
[72] JOHNSON, JASON A., US
[72] RESNICK, BRIAN J., US
[72] ANDERSON, CHRISTOPHER SCOTT, US
[72] KLUEBER, KEVIN L., US
[72] WICKS, MATTHEW ROSS, US
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[54] **ELECTROSTATIC PAINTING METHOD AND ELECTROSTATIC PAINTING APPARATUS**
[54] **PROCEDE DE PEINTURE ELECTROSTATIQUE ET APPAREIL DE PEINTURE ELECTROSTATIQUE**
[72] YAMASAKI, ISAMU, JP
[72] HONMA, KENGO, JP
[72] KODAKA, NOBUO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **DISPOSITIF DE CHARGEMENT DESTINE A UN CHARIOT ELEVATEUR A FOURCHE**
[72] SAKATANI, ISAMU, JP
[72] MARUYAMA, TAKASHI, JP
[72] ISHIDA, DAIKI, JP
[73] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
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[54] **PRE-TRAITEMENT D'IMPULSION DE PRESSION POUR LA CIMENTATION CURATIVE DE PUITS**
[72] COULTER, CALVIN R., CA
[72] NABHAN, ADEL A. IBRAHIM, CA
[73] SUNCOR ENERGY INC., CA
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[54] **MECANISME DE GESTION DE FONCTIONNEMENT DESTINE AUX CAMIONS A BENNE**
[72] KAWAMATA, YUKIHIRO, JP
[72] MORIZANE, HIROTO, JP
[72] HAMADA, TOMOYUKI, JP
[72] ISHIMOTO, HIDEFUMI, JP
[73] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
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[72] RUVANG, JOHN A., CA
[73] BLACK CAT BLADES LTD., CA
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[54] **COLLECTEUR D'ENERGIE SOLAIRE ET SON SYSTEME D'UTILISATION**
[72] IM, DO SUN, US
[73] IM, DO SUN, US
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[54] **ROTARY VACUUM AND SCREEN SYSTEM AND METHODS FOR SEPARATING SOLIDS AND LIQUIDS**
[54] **SYSTEME ROTATIF A VIDE ET TAMIS ET PROCEDES DE SEPARATION DE SOLIDES ET LIQUIDES**
[72] WANLIN, HUGUES, CA
[72] HICKS, ANDREW, CA
[73] WANLIN, HUGUES, CA
[73] HICKS, ANDREW, CA
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[54] **PROCEDES ET SYSTEMES PERMETTANT DE PREPARER DE L'HYDROXYDE DE LITHIUM**
[72] SYMONS, PETER, US
[72] GENDERS, J. DAVID, US
[72] BOURASSA, GUY, CA
[72] CLAYTON, GENEVIEVE, CA
[72] MAGNAN, JEAN-FRANCOIS, CA
[72] PEARSE, GARY, CA
[73] NEMASKA LITHIUM INC., CA
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[54] **DERIVES D'AMIDES POUR AGONISTE DE GPR119**
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[72] CHOI, DAEKYU, KR
[72] KO, MOOSUNG, KR
[72] HAN, YOUNGHUE, KR
[72] KIM, SOYOUNG, KR
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[73] CHONG KUN DANG PHARMACEUTICAL CORP., KR
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[72] BOUCHARD, JENS, CA
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[72] BARENDREGT, JEREMY, CA
[73] CERTEK HEAT MACHINE INC., CA
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[54] **PROCEDES POUR LE TRAITEMENT DE MATERIAUX CONTENANT DU LITHIUM**
[72] MAGNAN, JEAN-FRANCOIS, CA
[72] BOURASSA, GUY, CA
[72] LAROCHE, NICOLAS, CA
[72] PEARSE, GARY, CA
[72] MACKIE, STEPHEN CHARLES, CA
[72] GLADKOVAS, MYKOLAS, CA
[72] SYMONS, PETER, US
[72] GENDERS, J. DAVID, US
[72] CLAYTON, GENEVIEVE, CA
[72] BOUCHARD, PIERRE, CA
[73] NEMASKA LITHIUM INC., CA
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[54] **APPAREIL D'EVACUATION DE MATERIAUX EN VRAC**
[72] SZENTIMREY, MARK, CA
[72] SINKE, GLENN, CA
[73] CAN AMERICAN STONE SPREADER SALES LTD., CA
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[54] **SYSTEME DISTRIBUTEUR POUR PRODUITS EN AEROSOL ET NON-AEROSOL**
[72] GREEN, JONATHAN, GB
[72] YEMC, PETER W., GB
[72] BLEASBY, CHRISTOPHER, GB
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **A FLUX CORED ARC WELDING MATERIAL**
[54] **UN MATERIAU DE SOUDAGE A L'ARC AVEC FIL FOURRE**
[72] HAN, IL-WOOK, KR
[72] KIM, JEONG-KIL, KR
[72] LEE, BONG-KEUN, KR
[72] LEE, HONG-KIL, KR
[73] POSCO, KR
[86] (2947569)
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[54] **A SUBMERGED AND GAS METAL ARC WELDING MATERIAL**
[54] **UN MATERIAU DE SOUDAGE A L'ARC SUBMERGE SOUS GAZ METALLIQUE**
[72] HAN, IL-WOOK, KR
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[72] LEE, BONG-KEUN, KR
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[73] POSCO, KR
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[54] **SIEGE DE CONDUCTEUR DESTINE AU CONDUCTEUR ET CAMION A BENNE EQUIPE DUDIT SIEGE**
[72] SHODA, TAKUMA, JP
[72] NISHIDA, SHUNSUKE, JP
[72] WADA, HIROFUMI, JP
[73] KOMATSU LTD., JP
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[54] **WEAR INDICATION DEVICES, AND RELATED ASSEMBLIES AND METHODS**
[54] **DISPOSITIFS D'INDICATION D'USURE, ET ENSEMBLES ET PROCEDES ASSOCIES**
[72] STEED, DANIEL J., US
[72] POULSEN, SHILOH D., US
[73] DASH LLC, US
[85] 2016-12-08
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[25] EN
[54] **APPARATUS AND METHOD FOR COMMUNICATIONS IN A SAFETY CRITICAL SYSTEM**
[54] **APPAREIL ET PROCEDE DE COMMUNICATIONS DANS UN SYSTEME CRITIQUE POUR LA SURETE**
[72] SCHWELLNUS, CARL, CA
[72] KRIEGER, MARTIN, CA
[73] THALES CANADA INC., CA
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[54] **BRAKE MAINTENANCE INDICATOR**
[54] **INDICATEUR D'ENTRETIEN DE FREINS**
[72] WRIGHT, ERIC C., US
[72] CONNELL, JASON, US
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[54] **PROTOTYPE DE MACHINERIE D'AIDE MECANIQUE**
[72] SOLEIMANLOO, GHOLAMALI, CA
[71] SOLEIMANLOO, GHOLAMALI, CA
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[54] **BIOFEEDBACK CONTROLLED ROLLER COASTER**
[54] **MONTAGNES RUSSES CONTROLEES PAR BIOFEEDBACK**
[72] UNKNOWN, ZZ
[71] GERVAIS, CHARLES W., CA
[22] 2015-10-30
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[54] **THREE HEADED CUTTING APPARATUS FOR ATTACHMENT TO A LAWNMOWER TRACTOR**
[54] **APPAREIL DE COUPE A TROIS TETES DESTINE A UN ACCESSOIRE DE TRACTEUR TONDEUSE**
[72] COUTU, CHRISTIAN, CA
[71] COUTU, CHRISTIAN, CA
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[54] **INTELLIGENT SPEED PANEL**
[54] **TABLEAU INDICATEUR DE VITESSE INTELLIGENT**
[72] ELDEEB, MOURAD, CA
[71] ELDEEB, MOURAD, CA
[22] 2015-11-02
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[25] FR
[54] **SUPPORT BODICE FOR SKIN-ON-SKIN FOR TWINS**
[54] **CORSAGE DE SOUTIEN POUR PEAU A PEAU AVEC JUMEAUX**
[72] BRAULT, VIVIANNE, CA
[71] BRAULT, VIVIANNE, CA
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[54] **SPLIT AC WITH SUMMER PUMP**
[54] **CLIMATISEUR DIVISE EQUIPE D'UNE POMPE DE PUISARD**
[72] ZHANG, HANG, CA
[71] ZHANG, HANG, CA
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[54] **MILK PUMP PITCHER**
[54] **PICHET DE POMPE A LAIT**
[72] ZHANG, HANG, CA
[71] ZHANG, HANG, CA
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[25] EN
[54] **A PROCESS FOR PREPARATION OF BIODEGRADABLE BIOCOMPOSTABLE BIODIGESTIBLE PEPLENE POLYMER**
[54] **UN PROCEDE DE PREPARATION DE POLYMERE DE PEPLENE BIODIGESTIBLE, BIOCOMPOSTABLE ET BIODEGRADABLE**
[72] IYER, RAVI SRINIVASAN, IN
[72] BHARJ, NARINDER, IN
[72] RADHAKRISHNA, AMMANAMANCHI, IN
[71] PEP LICENSING LIMITED, CN
[22] 2015-11-02
[41] 2017-05-02

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[25] EN
[54] **APPARATUS AND METHOD FOR ELECTRODISINFECTION**
[54] **APPAREIL ET METHODE DESTINES A L'ELECTRODESINFECTION**
[72] LAAROUSSI, MOHAMED, CA
[72] BEN SALAH, IHSEN, CA
[71] E2METRIX INC., CA
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[54] **BREATHING EQUIPMENT TRAINING**
[54] **ENTRAINEMENT A L'EQUIPEMENT RESPIRATOIRE**
[72] DICKSTEIN, JUSTIN CLAYTON, US
[72] MOUSSA, MICHAEL R., US
[72] SAVOIE, STEPHEN HILTON, US
[71] BLAST MASK, LLC, US
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[25] FR
[54] **VERSATILE PHOTOVOLTAIC GENERATOR AND FLEXIBLE PHOTOVOLTAIC PANEL WITH ELECTRIC CONTACT AND DEDICATED RADIO-ID FOR EACH GENERATOR**
[54] **GENERATEUR PHOTOVOLTAIQUE MODULABLE ET PANNEAU PHOTOVOLTAIQUE FLEXIBLE AVEC CONTACT ELECTRIQUE ET RADIO-ETIQUETTE ASSERVIS A CHAQUE GENERATEUR**
[72] OPPIZZI, DANIELE RENATO, CA
[71] OPPIZZI, DANIELE RENATO, CA
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[25] EN
[54] **WRENCH FOR BREAKING INTERNAL CONNECTIONS**
[54] **CLE SERVANT A BRISER DES CONNEXIONS INTERNES**
[72] DE WAAL, SIMON, CA
[72] RELOS, DANILO S., CA
[71] WAAL KING LTD., CA
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[54] **MARCHE DE CAMION PORTATIVE**
[72] ULRICH, WALTER E., CA
[71] ULRICH, WALTER E., CA
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[54] **SURVIVAL TOOLS, KITS, AND RELATED METHODS**
[54] **OUTILS DE SURVIE, TROUSSES ET METHODES ASSOCIEES**
[72] WICK, KEITH G., CA
[71] WICK, KEITH G., CA
[22] 2015-11-03
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[54] **CREMASCO FUNNEL**
[54] **ENTONNOIR CREMASCO**
[72] CREMASCO, PAOLO, CA
[71] 2146844 ONTARIO LTD, CA
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[54] **METHOD AND SYSTEM FOR PROMOTING, OFFERING FOR SALE/LICENSE AND SELLING/LICENSING NATIONAL AND REGIONAL PATENT APPLICATION RIGHTS ASSOCIATED WITH PUBLISHED UNEXPIRED PCT PATENT APPLICATIONS**
[54] **METHODE ET SYSTEME DE PROMOTION, OFFRE DE VENTE/LICENCE ET VENTE/LICENCE DE DROITS DE DEMANDES DE BREVET NATIONAUX ET INTERNATIONAUX ASSOCIES AUX DEMANDES DE BREVETS EN VERTU DU PCT NON ECHUS PUBLIES**
[72] KERR, PHILIP BRIAN, CA
[72] FUCHS, JUERGEN, CA
[72] CROUCH, ROBIN TIMOTHY, CA
[71] 9467556 CANADA INC., CA
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[54] **PROCESS FOR TREATMENT OF HIGH CONTAMINATED WATERS**
[54] **PROCEDE DE TRAITEMENT DES EAUX FORTEMENT CONTAMINEES**
[72] KHADEM, FEREIDOUN, CA
[71] KHADEM, FEREIDOUN, CA
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[54] **HEATED LIVESTOCK WATERER**
[54] **ABREUVOIR CHAUFFE POUR LE BETAIL**
[72] WRIGHT, JASON, CA
[71] CAP SOLAR PUMPS LTD., CA
[22] 2015-11-05
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[54] **COLLECTEUR DE SEMOIR PNEUMATIQUE A UNIFORMITE DE DISTRIBUTION AMELIOREE**
[72] BEAUJOT, NORBERT, CA
[71] SEEDMASTER MANUFACTURING LTD., CA
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[25] EN
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[54] **PROCEDE ET SYSTEME DE PRODUCTION DE VAPEUR DESTINES AU PROCEDE DE RECUPERATION D'HYDROCARBURE**
[72] ADAMS, STEWART A. H., CA
[72] IKENYEI, IHUAKU I., CA
[72] BAILIE, ROBERT E., US
[71] CENOVUS ENERGY INC., CA
[71] CENOVUS FCCL LTD., CA
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[54] **ROTATABLE CABLE REEL**
[54] **DEVIDOIR DE CABLE ROTATIF**
[72] GALINDO GONZALEZ, JUAN ALBERTO, US
[72] TUGGLE, JAMES PHILLIP, US
[72] CALHOUN, FRANKLIN CLARENCE, US
[71] SOUTHWIRE COMPANY, LLC, US
[22] 2015-11-03
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[25] FR
[54] **METHOD AND SYSTEM FOR RECOVERING ENERGY FROM AIR EXCHANGE IN BUILDINGS**
[54] **METHODE ET SYSTEME DE RECUPERATION D'ENERGIE D'ECHANGE D'AIR DE BATIMENTS**
[71] BEAULE, CLAUDE, CA
[71] DE OLIVEIRA, DENIS, CA
[22] 2015-11-06
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[54] **TECNHOLOGIE DE CONCORDANCE EN CONTINU**
[72] LO, BILLY, CA
[71] LO, BILLY, CA
[22] 2015-11-06
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[51] **Int.Cl. A44B 19/38 (2006.01) A44B 19/24 (2006.01)**
[25] EN
[54] **I-ZIP, A ZIPPER PULLER DEVICE**
[54] **I-ZIP, UNE TIRETTE DE FERMETURE A GLISSIERE**
[72] UNKNOWN, ZZ
[71] NAJM, SULAIM, CA
[22] 2015-11-06
[41] 2017-05-06

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[25] EN
[54] **SYSTEM AND METHOD OF POURING CONCRETE AROUND A FLEXIBLE VENTILATION DUCT ASSEMBLY**
[54] **SYSTEME ET METHODE DE COULAGE DE BETON AUTOUR D'UN DISPOSITIF DE CONDUIT DE VENTILATION SOUPLE**
[72] PAQUET, ANDRE, CA
[72] PAQUET, CRISTIAN, CA
[71] MECANICAD INC., CA
[22] 2015-11-06
[41] 2017-05-06

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[51] **Int.Cl. E21F 1/04 (2006.01) E04G 21/00 (2006.01) E21F 1/00 (2006.01) E21F 1/06 (2006.01) F16L 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF DEPLOYING A FLEXIBLE DUCT ASSEMBLY WITHIN AN EXCAVATED VOID**
[54] **SYSTEME ET METHODE DE DEPLOIEMENT D'UN DISPOSITIF DE CONDUIT SOUPLE A L'INTERIEUR D'UN ESPACE EXCAVE**
[72] PAQUET, ANDRE, CA
[72] PAQUET, CRISTIAN, CA
[71] MECANICAD INC., CA
[22] 2015-11-06
[41] 2017-05-06

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[51] **Int.Cl. A47C 7/40 (2006.01)**
[25] EN
[54] **DYNAMIC LUMBAR SUPPORT FOR A CHAIR**
[54] **SUPPORT LOMBAIRE DYNAMIQUE DESTINE A UNE CHAISE**
[72] GROVE, JAMES E., US
[71] GROVE, JAMES E., US
[22] 2015-11-06
[41] 2017-05-06

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[13] A1
[51] **Int.Cl. A47C 7/40 (2006.01)**
[25] EN
[54] **PROGRESSIVELY CURVED LUMBAR SUPPORT FOR THE BACK OF A CHAIR**
[54] **SUPPORT LOMBAIRE COURBE PROGRESSIVEMENT DESTINE AU DOSSIER D'UNE CHAISE**
[72] GROVE, JAMES E., US
[71] GROVE, JAMES E., US
[22] 2015-11-06
[41] 2017-05-06

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[25] EN
[54] **FINE KNITWEAR OF CIRCULAR KNITTING MACHINES WITH AIR PERMEABLE HOLES**
[54] **TRICOT FIN DE MACHINES A TRICOTER CIRCULAIRE DOTE DE TROUS PERMEABLES A L'AIR**
[72] LEE, HSIN-CHUNG, TW
[72] YU, SHU-JUNG, TW
[71] PAI LUNG MACHINERY MILL CO., LTD., TW
[22] 2015-11-06
[41] 2017-05-06

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[51] **Int.Cl. H01P 5/18 (2006.01)**
[25] EN
[54] **CROSS-GUIDE COUPLER WITH MAIN WAVEGUIDE ARM AND SUBSTRATE INTEGRATED WAVEGUIDE (SIW) SECONDARY ARM**
[54] **RACCORD GUIDE TRANSVERSAL DOTE D'UN BRAS DE GUIDE D'ONDES PRINCIPAL ET D'UN BRAS DE GUIDE D'ONDES INTEGRE AU SUBSTRAT (GIS)**
[72] CARIGNAN, LOUIS-PHILIPPE, CA
[72] GAGNE, DOMINIC, CA
[71] APOLLO MICROWAVES, LTD, CA
[22] 2015-11-06
[41] 2017-05-06

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[25] EN
[54] **NEW COMPOSITE MATERIALS BASED ON RUBBERS, ELASTOMERS, AND THEIR RECYCLED**
[54] **NOUVEAUX MATERIAUX COMPOSITES A BASE DE CAOUTCHOUCS, ELASTOMERES ET LEURS MATIERES RECYCLEES**
[72] LOYA ENRIQUEZ, RENE, MX
[72] BUENO HERRERA, GARCIA ANDREA, MX
[72] FLORES GALLARDO, SERGIO GABRIEL, MX
[72] ZARAGOZA CONTRERAS, ERASTO ARMANDO, MX
[72] VEGA RIOS, ALEJANDRO, MX
[72] MENDOZA DUARTE, MONICA ELVIRA, MX
[72] LOPEZ MARTINEZ, ERIKA IVONNE, MX
[71] CENTRO DE INVESTIGACION EN MATERIALES AVANZADOS, S.C., MX
[71] KAUTEC TECHNOLOGIES, S.A.P.I. DE C.V., MX
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[51] **Int.Cl. B60B 33/08 (2006.01) B62B 5/00 (2006.01)**
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[54] **CASTER ADAPTER FOR HAND TRUCK**
[54] **ADAPTATEUR DE ROULETTE DESTINE A UN CHARIOT MANUEL**
[72] GERVAIS, ROBERT R. J., CA
[71] GERVAIS, ROBERT R. J., CA
[22] 2015-11-06
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[51] **Int.Cl. B02C 4/08 (2006.01)**
[25] EN
[54] **LOW POWER BIOMASS SHREDDER AND COMPOSTING SYSTEM ENABLED FOR CONTINUOUS FEED OF MATERIAL FOR COMPOSTING**
[54] **DECHIQUETEUSE DE BIOMASSE FAIBLE PUISSANCE ET SYSTEME DE COMPOSTAGE ACTIVE POUR UNE ALIMENTATION CONTINUE DE MATIERES COMPOSTABLES**
[72] DUECK, RAYMOND, CA
[71] INNOVAAT.COM INTERNATIONAL INC., CA
[22] 2015-11-06
[41] 2017-05-06

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[54] **THROTTLING BLOCK FOR FLOW METER**
[54] **BLOC D'ETRANGLEMENT DESTINE A UN DEBITMETRE**
[72] WANG, ZIPING Z.W., CA
[71] SKYLINE FLOW CONTROLS INC., CA
[22] 2015-11-16
[41] 2017-05-04
[30] US (14/932,164) 2015-11-04

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[54] **IN-LINE BATTERED COMPOSITE FOUNDATIONS**
[54] **BASES EN COMPOSITE DISPOSEES EN LIGNE**
[72] DAVIDOW, STEVEN AUSTIN, US
[72] SALISBURY, NICKOLAS G., US
[71] CRUX SUBSURFACE, INC., US
[22] 2015-11-20
[41] 2017-05-04
[30] US (14/932820) 2015-11-04

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[51] **Int.Cl. B65D 33/36 (2006.01) B65D 33/08 (2006.01) A01K 1/00 (2006.01)**
[25] EN
[54] **CAT LITTER CONTAINER WITH TWO HANDLES AND A POURING SPOUT**
[54] **BAC DE LITIERE A CHAT EQUIPE DE DEUX POIGNEES ET D'UN BEC VERSEUR**
[72] HERRICK, JOSEPH, US
[72] MARTIN, BETSY, US
[71] HERRICK, JOSEPH, US
[71] MARTIN, BETSY, US
[22] 2015-11-25
[41] 2017-05-05
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[51] **Int.Cl. C05F 17/02 (2006.01) C05F 9/02 (2006.01)**
[25] EN
[54] **CONTROLLING SYSTEM AND METHOD FOR MAKING COMPOST**
[54] **COMMANDE DE SYSTEME ET METHODE DE FABRICATION DE COMPOST**
[72] LIN, CHIEN-DER, TW
[71] INSTITUTE FOR INFORMATION INDUSTRY, TW
[22] 2015-11-27
[41] 2017-05-04
[30] TW (104136354) 2015-11-04

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[51] **Int.Cl. F16L 21/08 (2006.01)**
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[54] **ADAPTER COUPLING**
[54] **RACCORD D'ADAPTATEUR**
[72] MEZA, RICARDO, US
[72] PAREKH, HARSH RAJNIKANT, US
[71] PARKER-HANNIFIN CORPORATION, US
[22] 2015-11-30
[41] 2017-04-30
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[25] EN
[54] **METHODS FOR THE IDENTIFICATION, EVALUATION AND TREATMENT OF PATIENTS HAVING MULTIPLE MYELOMA**
[54] **METHODES D'IDENTIFICATION, D'EVALUATION ET DE TRAITEMENT DES PATIENTS ATTEINTS DE MYELOMES MULTIPLES**
[72] DI BACCO, ALESSANDRA M., US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[22] 2015-12-10
[41] 2017-05-04
[30] US (62/250,844) 2015-11-04
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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/02 (2006.01) E21B 43/38 (2006.01)**
[25] EN
[54] **COALBED METHANE DRAINAGE AND RECOVERY EQUIPMENT**
[54] **EQUIPEMENT DE VIDANGE ET RECUPERATION DE METHANE DE HOUILLE**
[72] SHEN, MAOHE, CN
[72] XU, HONGBAO, CN
[72] GUO, JIANPING, CN
[71] BEJING TESTWELL TECHNOLOGY CO. LTD., CN
[71] SHEN, MAOHE, CN
[71] XU, HONGBAO, CN
[71] GUO, JIANPING, CN
[22] 2016-01-12
[41] 2017-05-02
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[51] **Int.Cl. E21B 43/34 (2006.01) B01D 17/025 (2006.01)**
[25] EN
[54] **SETTLING OIL REMOVAL TANK, SYSTEM AND METHOD FOR PRODUCED WATER TREATMENT**
[54] **RESERVOIR D'ELIMINATION DE PETROLE PAR DECANTATION, SYSTEME ET METHODE DE TRAITEMENT D'EAU PRODUITE**
[72] YANG, PINGPING, CN
[72] HUANG, QIANG, CN
[72] WANG, AIJUN, CN
[72] MEI, JUN, CN
[72] LUO, CHUNLIN, CN
[72] FU, LEI, CN
[72] ZHANG, ZHIQING, CN
[72] ZHENG, SHUAI, CN
[72] ZHOU, JINGDU, CN
[72] NING, JIANGPING, CN
[72] LING, YONG, CN
[72] JIANG, LI, CN
[71] XINJIANG PETROLEUM ENGINEERING CO., LTD., CN
[22] 2016-01-15
[41] 2017-04-30
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[13] A1
[51] **Int.Cl. B65D 81/24 (2006.01) B65D 25/00 (2006.01)**
[25] EN
[54] **FLOATING SHIELD**
[54] **PROTECTEUR FLOTTANT**
[72] ATTALLA, NAGUIB M., CA
[71] ATTALLA, NAGUIB M., CA
[22] 2015-11-04
[41] 2017-05-04

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[13] A1
[51] **Int.Cl. B60P 7/15 (2006.01)**
[25] EN
[54] **APPARATUS FOR USE WITH TRANSPORT TRUCK DECKING BAR**
[54] **APPAREIL DESTINE A UNE BARRE DE PLATEFORME DE CAMION DE TRANSPORT**
[72] PUSTAI, SCOTT TIMOTHY, CA
[72] TACHE, MIKE, CA
[71] TOTAL TRANSPORTATION SOLUTIONS INC., CA
[22] 2016-01-29
[41] 2017-05-06
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[51] **Int.Cl. B60R 9/042 (2006.01) B60R 9/055 (2006.01)**
[25] EN
[54] **VEHICLE CARGO CARRIER DEVICE**
[54] **DISPOSITIF DE TRANSPORT DE MARCHANDISES POUR VEHICULE**
[72] RUDNICKI, MICHAEL, CA
[71] RUDNICKI, MICHAEL, CA
[22] 2016-02-05
[41] 2017-04-30
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[51] **Int.Cl. B60Q 1/04 (2006.01) B60Q 1/24 (2006.01)**
[25] EN
[54] **VEHICLE HEADLAMP WITH LIGHT PASSAGE**
[54] **PHARE AVANT DE VEHICULE A PASSAGE DE LUMIERE**
[72] LANDCASTLE, CRAIG, US
[72] FRAPPIER, MICHAEL, US
[72] HOLLAND, RICHARD, US
[72] HUANG, MIN, US
[71] OSRAM SYLVANIA INC., US
[22] 2016-02-17
[41] 2017-05-03
[30] US (14/931,334) 2015-11-03

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[13] A1
[51] **Int.Cl. G09F 13/22 (2006.01) G09F 19/12 (2006.01)**
[25] EN
[54] **ELECTROLUMINESCENT SIGN, SYSTEM AND METHODS OF USE**
[54] **ENSEIGNE ELECTROLUMINESCENTE, SYSTEME ET METHODES D'UTILISATION**
[72] ANELEVITZ, NOLAN, CA
[71] ANELEVITZ, NOLAN, CA
[22] 2016-03-11
[41] 2017-05-03
[30] US (14/931,135) 2015-11-03

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[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH2G4Y**
[54] **MAIS ENDOGAME PH2G4Y**
[72] KING, STEVEN PAUL, CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2016-03-31
[41] 2017-05-03

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[51] **Int.Cl. B67C 11/04 (2006.01)**
[25] EN
[54] **FUNNEL**
[54] **ENTONNOIR**
[72] CREMASCO, PAOLO, CA
[71] 2146844 ONTARIO LTD, CA
[22] 2016-04-08
[41] 2017-05-03
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[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/04 (2006.01)**
[25] EN
[54] **PROCESSES FOR PRODUCING HYDROCARBONS FROM A RESERVOIR**
[54] **PROCEDE DE PRODUCTION D'HYDROCARBURES A PARTIR D'UN RESERVOIR**
[72] HARDING, THOMAS, CA
[71] NEXEN ENERGY ULC, CA
[22] 2016-05-12
[41] 2017-05-01

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[51] **Int.Cl. A61B 8/00 (2006.01) A61B 5/08 (2006.01) A61B 5/103 (2006.01)**
[25] EN
[54] **ACOUSTIC UPPER AIRWAY ASSESSMENT SYSTEM AND METHOD, AND SLEEP APNEA ASSESSMENT SYSTEM AND METHOD RELYING THEREON**
[54] **APPAREIL ET METHODE D'EVALUATION ACOUSTIQUE DES VOIES RESPIRATOIRES SUPERIEURES, ET APPAREIL ET METHODE D'EVALUATION DE L'APNEE DU SOMMEIL**
[72] YADOLLAHI, AZADEH, CA
[72] RUDZICZ, FRANK, CA
[72] SAHA, SHUMIT, CA
[71] UNIVERSITY HEALTH NETWORK, CA
[22] 2016-05-31
[41] 2017-05-03
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[51] **Int.Cl. H02B 1/38 (2006.01) H01H 9/22 (2006.01)**
[25] EN
[54] **LOCKING MECHANISM**
[54] **MECANISME DE VERROUILLAGE**
[72] ANDIC, MILORAD, CA
[71] EATON CORPORATION, US
[22] 2016-06-13
[41] 2017-04-30
[30] US (62/248,583) 2015-10-30

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[13] A1
[51] **Int.Cl. A01D 34/835 (2006.01) A01B 29/04 (2006.01) A01B 29/06 (2006.01)**
[25] EN
[54] **LAND ROLLER WITH CHOPPING BLADES**
[54] **ROULEAU DE TERRAIN DOTE DE LAMES DE DECHIQUETAGE**
[72] REDEKOP, JOHAN, CA
[71] REDEKOP, JOHAN, CA
[22] 2016-07-13
[41] 2017-05-03
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[51] **Int.Cl. E21B 19/16 (2006.01) E21B 19/18 (2006.01) E21B 17/03 (2006.01)**
[25] EN
[54] **WRENCH FOR BREAKING INTERNAL CONNECTIONS**
[54] **CLE SERVANT A BRISER DES CONNEXIONS INTERNES**
[72] RELOS, DANILO S., CA
[72] DE WAAL, SIMON, CA
[71] TERCEL OILFIELD PRODUCTS USA, LLC, US
[22] 2016-07-15
[41] 2017-05-03
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[51] **Int.Cl. G08G 5/00 (2006.01) G09B 9/00 (2006.01)**
[25] EN
[54] **A COMPUTER-IMPLEMENTED METHOD AND SYSTEM FOR SETTING UP AN AIR TRAFFIC SIMULATOR**
[54] **UNE METHODE MISE EN PLACE PAR ORDINATEUR ET UN SYSTEME D'ETABLISSEMENT D'UN SIMULATEUR DE TRAFIC AERIEN**
[72] LOPEZ LEONES, JAVIER, ES
[72] D'ALTO, LUIS PEDRO, ES
[71] THE BOEING COMPANY, US
[22] 2016-07-15
[41] 2017-05-05
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[51] **Int.Cl. C08L 63/00 (2006.01) C08K 3/00 (2006.01) C08G 59/66 (2006.01) C08G 59/68 (2006.01)**
[25] EN
[54] **RAPID CURING THIOL EPOXY RESIN WITH IMPROVED COMPRESSION STRENGTH PERFORMANCE**
[54] **RESINE EPOXYDE THIOL A DURCISSEMENT RAPIDE PRESENTANT UN RENDEMENT DE FORCE DE COMPRESSION AMELIORE**
[72] NOWAK, ANDREW P., US
[72] RODRIGUEZ, APRIL R., US
[72] BOUNDY, THOMAS, US
[72] PAJEL, CARISSA A., US
[72] ADJORLOLO, ALAIN A., US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **WOOD BOARD FEEDING SYSTEM WITH ALIGNMENT FEATURE**
[54] **MECANISME D'ALIMENTATION DE PLANCHES DE BOIS COMPORTANT UNE FONCTION D'ALIGNEMENT**
[72] LAFLAMME, MATHIEU, CA
[72] LEPAGE, FRANCIS, CA
[71] CARBOTECH INTERNATIONAL, CA
[22] 2016-07-20
[41] 2017-04-30
[30] US (62248853) 2015-10-30

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[51] **Int.Cl. E06B 9/36 (2006.01) E06B 9/322 (2006.01)**
[25] EN
[54] **LIGHT SHIELDING STRUCTURE FOR VERTICAL BLIND**
[54] **STRUCTURE DE PROTECTION CONTRE LA LUMIERE DESTINEE A UN STORE VERTICAL**
[72] WEN, YU-CHE, TW
[71] NIEN MADE ENTERPRISE CO., LTD., TW
[22] 2016-07-27
[41] 2017-05-06
[30] CN (201520881217.8) 2015-11-06

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[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **METER ROLLER CARTRIDGE FRAME FOR AN AGRICULTURAL METERING SYSTEM**
[54] **STRUCTURE DE CADRE DE ROULEAU DOSEUR POUR SYSTEME DE DOSAGE AGRICOLE**
[72] BENT, ETHAN CURTIS STEPHEN, CA
[72] CHAHLEY, DENNIS W., CA
[72] THOMPSON, DENNIS GEORGE, CA
[72] ENGEL, GORDON ANTHONY, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2016-08-16
[41] 2017-05-04
[30] US (14/932,764) 2015-11-04

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[13] A1
[51] **Int.Cl. B64F 5/10 (2017.01) B23Q 16/00 (2006.01)**
[25] EN
[54] **ADVANCED AUTOMATED PROCESS FOR THE WING-TO-BODY JOIN OF AN AIRCRAFT WITH PREDICTIVE SURFACE SCANNING**
[54] **PROCEDE AUTOMATISE EVOLUE DESTINE AU JOINTAGE AILE-CARLINGUE D'UN AERONEF AU MOYEN DU BALAYAGE DE SURFACE PREDICTIF**
[72] VASQUEZ, CHRISTINA MICHELLE, US
[72] VALENZUELA, DARIO I., US
[72] COLLINS, RONALD J., US
[72] BODE, AKSEL, US
[71] THE BOEING COMPANY, US
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[51] **Int.Cl. G02C 7/04 (2006.01) A61F 2/14 (2006.01)**
[25] EN
[54] **CHIRAL SCLERAL LENSES**
[54] **LENTILLES SCLERALES CHIALES**
[72] CARRASQUILLO, KAREN G., US
[72] PATEL, CHIRAG, US
[72] REMINGTON, CRYSTAL, US
[72] KWOK, ALAN, US
[72] JACOBS, DEBORAH S., US
[71] BOSTON FOUNDATION FOR SIGHT, US
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[41] 2017-05-03
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[13] A1
[51] **Int.Cl. B65D 33/16 (2006.01) B65D 30/08 (2006.01)**
[25] EN
[54] **INTEGRATED PACKAGE OPENING FEATURE**
[54] **FONCTIONNALITE D'OUVERTURE D'EMBALLAGE INTEGREE**
[72] HARTLEY, SCOTT HUNTINGTON, US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2016-08-17
[41] 2017-04-30
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[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AIR CART PRESSURIZATION MONITORING**
[54] **SYSTEMES ET METHODES DE SURVEILLANCE DE LA PRESSION D'UN CHARIOT A AIR**
[72] BENT, ETHAN CURTIS STEPHEN, CA
[72] MCKNIGHT, BENJAMIN DOUGLAS, CA
[72] THOMPSON, DENNIS GEORGE, CA
[72] ERKER, GREGORY JACOB, CA
[72] RAPLEY, ANTHONY CHARLES, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2016-08-18
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[51] **Int.Cl. F16F 9/32 (2006.01) B64C 25/58 (2006.01) B64G 5/00 (2006.01) F16F 9/43 (2006.01)**
[25] EN
[54] **IMPROVED SERVICING PROCEDURE FOR SINGLE-STAGE MIXED FLUID/GAS SHOCK STRUT**
[54] **PROCEDURE D'ENTRETIEN AMELIORE DESTINEE A UN AMORTISSEUR A UN ETAGE A MELANGE LIQUIDE/GAZ**
[72] FAZELI, AMIR, CA
[72] CEPIC, ADNAN, CA
[72] REBER, SUSANNE, US
[71] GOODRICH CORPORATION, US
[22] 2016-08-26
[41] 2017-05-06
[30] US (14/934,741) 2015-11-06

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[51] **Int.Cl. E21B 33/04 (2006.01) E21B 33/047 (2006.01) E21B 41/00 (2006.01) E21B 7/08 (2006.01)**
[25] EN
[54] **EROSION-RESISTANT MULTILATERAL JUNCTIONS**
[54] **JONCTIONS MULTILATERALES RESISTANT A L'EROSION**
[72] PENDLETON, BRYAN P., US
[71] BAKER HUGHES INCORPORATED, US
[22] 2016-08-30
[41] 2017-05-06
[30] US (14/934530) 2015-11-06

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[51] **Int.Cl. H02P 25/02 (2016.01) H02K 99/00 (2014.01)**
[25] EN
[54] **EDDY CURRENT REPULSION MOTOR**
[54] **MOTEUR A REPULSION A COURANT DE FOUCAULT**
[72] TILLOTSON, BRIAN JAY, US
[72] ZENG, PENG, US
[71] THE BOEING COMPANY, US
[22] 2016-09-02
[41] 2017-05-05
[30] US (14/933,333) 2015-11-05

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 21/00 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **CONTAINMENT HOOK FOR COMPOSITE FAN CASE**
[54] **CROCHET DE RETENUE DESTINE A UN CARTER DE VENTILATEUR EN COMPOSITE**
[72] HALL, CHRISTOPHER, US
[72] HODGSON, BENEDICT N., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2016-09-07
[41] 2017-04-30
[30] US (14/928,322) 2015-10-30

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[13] A1
[51] **Int.Cl. H04N 7/15 (2006.01) H04N 13/00 (2006.01)**
[25] EN
[54] **VIRTUAL CONFERENCE ROOM**
[54] **SALLE DE CONFERENCE VIRTUELLE**
[72] HIGH, DONALD, US
[72] THOMPSON, JOHN PAUL, US
[72] WINKLE, DAVID, US
[72] TAYLOR, ROBERT C., US
[71] WAL-MART STORES, INC., US
[22] 2016-09-07
[41] 2017-04-30
[30] US (62/248,986) 2015-10-30

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[13] A1
[51] **Int.Cl. E21B 33/08 (2006.01) F16J 15/3204 (2016.01) F16J 15/3248 (2016.01) F16J 15/3284 (2016.01)**
[25] EN
[54] **UNITIZED LIP SEAL FOR WASH PIPE STUFFING BOX SEALING SYSTEM**
[54] **JOINT A LEVRE UNITAIRE DESTINE AU MECANISME D'ETANCHEISATION DE PRESSE-ETOUPE DE TUYAU DE LAVAGE**
[72] EMBURY, PHILLIP D., GB
[71] FREUDENBERG OIL & GAS, LLC, US
[22] 2016-09-13
[41] 2017-05-04
[30] US (14/932,206) 2015-11-04

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[51] **Int.Cl. B60R 11/04 (2006.01)**
[25] EN
[54] **WORK VEHICLES INCLUDING IMPLEMENT-RESPONSIVE OPTICAL SYSTEMS**
[54] **VEHICULES DE TRAVAIL COMPORTANT DES DISPOSITIFS OPTIQUES REAGISSANT AUX ACCESSOIRES**
[72] LINAN, JOSE RENE, MX
[72] PAILLET, FREDERIC, FR
[71] DEERE & COMPANY, US
[22] 2016-09-16
[41] 2017-04-30
[30] US (14/929,001) 2015-10-30

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[54] **CONNECTION-BASED OR COMMUNICATION-BASED SERVICES AND DETERMINATIONS**
[54] **SERVICES FONDES SUR UNE CONNEXION OU UNE COMMUNICATION ET DETERMINATIONS**
[72] PEREZ, JUAN, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
[22] 2016-09-27
[41] 2017-05-05
[30] US (14/933,311) 2015-11-05

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[25] EN
[54] **SYSTEM AND METHOD FOR ASSISTED BUCKET LOAD OPERATION**
[54] **SYSTEME ET METHODE DE CHARGEMENT ASSISTE DE CHARGE**
[72] MARTINEZ, IGNACIO ALONSO, MX
[71] DEERE & COMPANY, US
[22] 2016-09-28
[41] 2017-04-30
[30] US (62/249,052) 2015-10-30
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[51] **Int.Cl. E04G 11/06 (2006.01)**
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[54] **INSULATED CONCRETE LEDGE FORM REINFORCEMENT MEMBER**
[54] **ELEMENT DE RENFORT D'APPUI-FORME EN BETON ISOLE**
[72] NAUJOKS, RICHARD, CA
[71] NAUJOKS, RICHARD, CA
[22] 2016-10-03
[41] 2017-05-06
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[25] EN
[54] **GRAIN MASS FLOW RATE DETERMINATION**
[54] **DETERMINATION DE LA VITESSE D'ECOULEMENT DE GRAINS EN VRAC**
[72] BRUNS, AARON J., US
[72] DARR, MATTHEW J., US
[71] DEERE & COMPANY, US
[71] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
[22] 2016-10-03
[41] 2017-05-04
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[51] **Int.Cl. H04L 9/06 (2006.01) H04L 9/08 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **SECURING DATA VIA MULTI-LAYER TOKENS**
[54] **SECURISATION DES DONNEES AU MOYEN DE JETONS MULTICOUCHES**
[72] BARNETT, JONATHAN K., CA
[72] D'SOUZA, ROY, CA
[72] LEE, JOHN JONG SUK, CA
[72] MCALPINE, CHRISTOPHER ARTHUR HOLLAND, CA
[72] ROSKIC, ALEKSANDAR, CA
[72] WATSON, DOUGLAS EDWARD WILLIAM, CA
[72] XI, ZHENG, CA
[72] YEOMAN, SHANNON ROSE, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-10-03
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[25] EN
[54] **ENGINE BORE MILLING PROCESS**
[54] **PROCEDE D'USINAGE D'ALESAGE MOTEUR**
[72] STEPHENSON, DAVID ALAN, US
[72] OZOG, DAVID ALAN, US
[71] FORD MOTOR COMPANY, US
[22] 2016-10-04
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[51] **Int.Cl. B23B 41/12 (2006.01) B23B 27/00 (2006.01) B23C 3/02 (2006.01)**
[25] EN
[54] **MILLING INSERTS**
[54] **INSERTIONS D'USINAGE**
[72] STEPHENSON, DAVID ALAN, US
[72] OZOG, DAVID ALAN, US
[72] COFFMAN, DAVID GARRETT, US
[71] FORD MOTOR COMPANY, US
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[54] **SYSTEMS AND METHODS FOR CONTEXT-BASED EVENT TRIGGERED PRODUCT AND/OR SERVICES OFFERINGS**
[54] **SYSTEMES ET METHODES DESTINES A DES OFFRES DE PRODUIT OU SERVICE DECLENCHEES PAR UN EVENEMENT EN CONTEXTE**
[72] CHAN, PAUL MON-WAH, CA
[72] FRITZ, ROISIN LARA, CA
[72] LEE, JOHN JONG SUK, CA
[72] GROUIOS, MICHAEL, CA
[72] MOGHAIZEL, JOE, CA
[72] BARNETT, JONATHAN K., CA
[71] THE TORONTO-DOMINION BANK, CA
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[30] US (62/248,881) 2015-10-30
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[25] EN
[54] **SYSTEMS AND METHODS FOR CONTEXT-BASED EVENT DETECTION AND DETERMINATION**
[54] **SYSTEMES ET METHODES DESTINES A LA DETERMINATION ET LA DETECTION D'EVENEMENT EN CONTEXTE**
[72] BARNETT, JONATHAN K., CA
[72] CHAN, PAUL MON-WAH, CA
[72] FRITZ, ROISIN LARA, CA
[72] LEE, JOHN JONG SUK, CA
[72] GROUIOS, MICHAEL, CA
[72] MOGHAIZEL, JOE, CA
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[25] EN
[54] **PUMP DRIVE UNIT FOR CONVEYING A PROCESS FLUID**
[54] **MODULE D'ENTRAINEMENT DE POMPE DESTINE A TRANSPORTER UN FLUIDE DE TRAITEMENT**
[72] MEUTER, PAUL, CH
[71] SULZER MANAGEMENT AG, CH
[22] 2016-10-05
[41] 2017-05-02
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[25] EN
[54] **MILLING TOOL WITH INSERT COMPENSATION**
[54] **OUTIL D'USINAGE A COMPENSATION D'INSERTION**
[72] STEPHENSON, DAVID ALAN, US
[72] OZOG, DAVID ALAN, US
[72] COFFMAN, DAVID GARRETT, US
[71] FORD MOTOR COMPANY, US
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[25] EN
[54] **ADELMIDROL FOR USE IN DISEASES CHARACTERIZED BY INSUFFICIENT AGONISM OF PPAR-GAMMA RECEPTOR**
[54] **ADELMIDROL DESTINE AUX MALADIES CARACTERISEES PAR UNE INSUFFISANCE D'AGONISME DE RECEPTEUR PPAR-GAMMA**
[72] DELLA VALLE, FRANCESCO, IT
[72] DELLA VALLE, MARIA FEDERICA, IT
[72] CUZZOCREA, SALVATORE, IT
[71] EPITECH GROUP S.P.A., IT
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[25] EN
[54] **VALIDATING ENCRYPTED DATA FROM A MULTI-LAYER TOKEN**
[54] **VALIDATION DE DONNEES CHIFFREES A PARTIR D'UN JETON MULTICOUCHE**
[72] MOLNAR, MATTHEW RANDOLPH, CA
[72] BARNETT, JOHNATHAN K., CA
[72] LEE, JOHN JONG SUK, CA
[72] CHAN, PAUL MON-WAH, CA
[72] DEL VECCHIO, ORIN, CA
[71] THE TORONTO-DOMINION BANK, CA
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[25] EN
[54] **TOKEN-BASED SYSTEM FOR SECURING AND RECOVERING DATA**
[54] **SYSTEME FONDE SUR DES JETONS DESTINE A SECURISER ET RECUPERER DES DONNEES**
[72] D'SOUZA, ROY, CA
[72] BARNETT, JONATHAN K., CA
[72] FRITZ, ROISIN L., CA
[72] LEE, JOHN JONG SUK, CA
[72] CHAN, PAUL MON-WAH, CA
[72] DEL VECCHIO, ORIN, CA
[71] THE TORONTO-DOMINION BANK, CA
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[25] EN
[54] **COHORT-BASED EVENT MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE D'EVENEMENT FONDE SUR UNE COHORTE**
[72] MARI, KEVIN RICARDO, CA
[72] COHEN, EVAN ZACHARY, CA
[72] BARNETT, JONATHAN K., CA
[72] LEE, JOHN JONG SUK, CA
[72] CHAN, PAUL MON-WAH, CA
[72] DEL VECCHIO, ORIN, CA
[71] THE TORONTO-DOMINION BANK, CA
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[25] EN
[54] **ELECTRICAL POWER SWITCH CONTROL WITH USAGE DATA DISPLAY**
[54] **COMMANDE D'INTERRUPTEUR D'ALIMENTATION ELECTRIQUE OFFRANT UN AFFICHAGE DES DONNEES D'UTILISATION**
[72] QUADY, CURTIS E., US
[71] QUADY, CURTIS E., US
[22] 2016-10-07
[41] 2017-04-30
[30] US (62/248,419) 2015-10-30
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[51] **Int.Cl. A61G 17/06 (2006.01)**
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[54] **EXPANDABLE BODY BAG**
[54] **HOUSSE MORTUAIRE EXTENSIBLE**
[72] LEHEURTEUX, CELINE C.L., CA
[71] LEHEURTEUX, CELINE C.L., CA
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[51] **Int.Cl. F02C 7/00 (2006.01) F01D 25/16 (2006.01) F02C 7/06 (2006.01) F02C 7/36 (2006.01) F02C 9/00 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH MOUNT FOR LOW PRESSURE TURBINE SECTION**
[54] **UN MOTEUR DE TURBINE A GAZ DOTE D'UNE FIXATION DE SECTION DE TURBINE BASSE PRESSION**
[72] SCHWARZ, FREDERICK M., US
[72] GLAHN, JORN A., US
[71] UNITED TECHNOLOGIES CORPORATION, US
[22] 2016-10-12
[41] 2017-05-05
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[51] **Int.Cl. C04B 41/81 (2006.01) C04B 35/565 (2006.01) C04B 35/80 (2006.01)**
[25] EN
[54] **IMPROVED COATING INTERFACE**
[54] **INTERFACE DE REVETEMENT AMELIOREE**
[72] NELSON, SCOTT, US
[72] SINATRA, RAYMOND J., US
[72] LANDWEHR, SEAN E., US
[72] DUNKIN, MIKE R., US
[72] MORETTI, ASHLEY, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2016-10-17
[41] 2017-04-30
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[25] EN
[54] **A COOKING VESSEL AND MANUFACTURING METHOD**
[54] **UN RECIPIENT DE CUISSON ET METHODE DE FABRICATION**
[72] JUHA, PIMIA, FI
[71] FISKARS FINLAND OY AB, FI
[22] 2016-10-17
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[25] EN
[54] **TOPICAL GEL CREAM COMPOSITION**
[54] **COMPOSITION DE GEL-CREME TOPIQUE**
[72] BRILLOUET, ANNE-SOPHIE, US
[72] DUFORT, MARISA DEVITA, US
[72] GARCIA, DEVIN L., US
[72] LORENZETTI, DANIELLE LIMA, BR
[72] ZANATTA, CINTHIA FERNANDA, US
[72] SOUTHALL, MICHAEL D., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[22] 2016-10-19
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[30] US (62/252,038) 2015-11-06
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[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF PRIORITIZING PRODUCTS DURING UNLOADING OF DELIVERY VEHICLES**
[54] **SYSTEMES ET METHODES DE PRIORISATION DE PRODUITS PENDANT LE DECHARGEMENT DE VEHICULES DE LIVRAISON**
[72] SHIELDS, DANIEL R., US
[72] JONES, MATTHEW A., US
[72] JONES, NICHOLAUS A., US
[72] FLETTER, MARC A., US
[72] TAYLOR, ROBERT J., US
[71] WAL-MART STORES, INC., US
[22] 2016-10-19
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[51] **Int.Cl. C08L 31/04 (2006.01) C08F 2/38 (2006.01) C08J 3/03 (2006.01)**
[25] EN
[54] **POLYVINYL ACETATE LATEX**
[54] **LATEX ACETATE DE POLYVINYLE**
[72] BESHAH, KEBEDE, US
[72] BOHLING, JAMES C., US
[72] LUO, PU, US
[71] ROHM AND HAAS COMPANY, US
[22] 2016-10-19
[41] 2017-05-02
[30] US (62/249,422) 2015-11-02

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[13] A1
[51] **Int.Cl. C09D 11/30 (2014.01) B33Y 10/00 (2015.01) B33Y 70/00 (2015.01)**
[25] EN
[54] **INK JET INK COMPOSITIONS FOR DIGITAL MANUFACTURING OF TRANSPARENT OBJECTS**
[54] **COMPOSITIONS D'ENCRE D'IMPRESSION A JET D'ENCRE DESTINEES A LA FABRICATION NUMERIQUE D'OBJETS TRANSPARENTS**
[72] CHOPRA, NAVEEN, CA
[72] KEOSHKERIAN, BARKEV, CA
[72] MOORLAG, CAROLYN, CA
[72] ALLEN, GEOFFREY C., CA
[72] BRETON, MARCEL P., CA
[72] SISLER, GORDON, CA
[71] XEROX CORPORATION, US
[22] 2016-10-19
[41] 2017-04-30
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[51] **Int.Cl. B66F 9/22 (2006.01) B66F 9/24 (2006.01)**
[25] EN
[54] **INDUSTRIAL VEHICLE**
[54] **VEHICULE INDUSTRIEL**
[72] GOTO, TETSUYA, JP
[72] HAGINO, KENICHI, JP
[72] KUWANO, YASUSHI, JP
[72] NIBE, AKIHITO, JP
[72] NAKAJIMA, SHIGETO, JP
[72] TAKANO, SATOSHI, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[22] 2016-10-18
[41] 2017-05-05
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[25] EN
[54] **GENERATOR HAVING IMPROVED COLD WEATHER STARTING**
[54] **GENERATEUR OFFRANT UN DEMARRAGE PAR TEMPS FROID AMELIORE**
[72] JENISON, LEIGH, US
[72] DEHN, JAMES J., US
[72] SARDER, MARK J., US
[72] DESPEARS, CHRIS, US
[71] CHAMPION ENGINE TECHNOLOGY, LLC, US
[22] 2016-10-18
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[51] **Int.Cl. F16H 1/48 (2006.01) F16H 57/028 (2012.01) F02C 7/36 (2006.01) F16F 15/12 (2006.01) F16H 35/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A GAS TURBINE ENGINE WITH COMBINED MULTI-DIRECTIONAL GEARBOX DEFLECTION LIMITERS AND DAMPERS**
[54] **SYSTEMES ET METHODES DESTINES A UN MOTEUR DE TURBINE A GAZ EQUIPE DE LIMITEURS DE DEFLEXION DE BOITE DE VITESSES MULTI DIRECTIONNELS ET VOLETS COMBINES**
[72] MILLER, BRANDON WAYNE, US
[72] VONDRELL, RANDY M., US
[72] BRADLEY, DONALD ALBERT, US
[72] ERTAS, BUGRA HAN, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. C23C 18/32 (2006.01) F04D 13/08 (2006.01) F04D 29/02 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **OIL AND GAS WELL PUMP COMPONENTS AND METHOD OF COATING SUCH COMPONENTS**
[54] **COMPOSANTS DE POMPE DE PUITS DE PETROLE ET DE GAZ ET METHODE DE REVETEMENT DE TELS COMPOSANTS**
[72] GRAY, DENNIS MICHAEL, US
[72] CURTIS, TODD CHARLES, US
[72] HONG, LYON, US
[72] KOOL, LAWRENCE BERNARD, US
[71] GENERAL ELECTRIC COMPANY, US
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[41] 2017-04-30
[30] US (62/248,720) 2015-10-30
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[51] **Int.Cl. F02C 7/14 (2006.01) B64D 33/08 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01) F16N 39/02 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE SUMP HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR DE CARTER DE MOTEUR DE TURBINE A GAZ**
[72] NIERGARTH, DANIEL ALAN, US
[72] MILLER, BRANDON WAYNE, US
[72] KROGER, CHRISTOPHER JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
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[41] 2017-04-30
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[51] **Int.Cl. F01D 9/02 (2006.01) F01D 5/08 (2006.01) F01D 5/18 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE HAVING A FLOW CONTROL SURFACE WITH A COOLING CONDUIT**
[54] **MOTEUR DE TURBINE A GAZ DOTE D'UNE SURFACE DE CONTROLE D'ECOULEMENT A CONDUIT DE REFROIDISSEMENT**
[72] DEDE, MEHMET MUHITTIN, US
[72] ATSUCHI, SATOSHI, US
[72] PRITCHARD, BYRON ANDREW, US
[72] KRAMMER, ERICH ALOIS, US
[72] JOTHIPRASAD, GIRIDHAR, US
[72] OTTA, SHOURYA PRAKASH, US
[72] BOURASSA, COREY, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. E21B 43/26 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR A CO2 FRACKING SYSTEM AND RELATED SYSTEM AND METHOD**
[54] **MECANISME DE COMMANDE D'UN SYSTEME DE FRACTURATION A CO2, ET SYSTEME ET METHODE ASSOCIES**
[72] DE, ANINDYA KANTI, IN
[72] DOERGE, DAVID HENRY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-20
[41] 2017-05-02
[30] IN (5927/CHE/2015) 2015-11-02

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[13] A1
[51] **Int.Cl. G01N 21/956 (2006.01) B33Y 30/00 (2015.01) B33Y 40/00 (2015.01) B22F 3/105 (2006.01)**
[25] EN
[54] **ADDITIVE MANUFACTURING SYSTEMS INCLUDING AN IMAGING DEVICE AND METHODS OF OPERATING SUCH SYSTEMS**
[54] **SYSTEMES DE FABRICATION ADDITIVE COMPORTANT UN APPAREIL D'IMAGERIE ET METHODES D'EXPLOITATION DE TELS SYSTEMES**
[72] CHEVERTON, MARK ALLEN, US
[72] MATHEWS, HARRY KIRK, JR., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-20
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[30] US (14/929,948) 2015-11-02

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[13] A1
[51] **Int.Cl. F02C 9/18 (2006.01) F04D 29/66 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MITIGATION OF CAVITY RESONANCE**
[54] **METHODE ET SYSTEME D'ATTENUATION DE RESONNANCE DE CAVITE**
[72] BOWDEN, WILLIAM JOSEPH, US
[72] FANG, NING, US
[72] ZHONG, GUOHUA, CN
[72] KARBOWSKI, BARTOSZ, PL
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-20
[41] 2017-05-02
[30] PL (P-414651) 2015-11-02

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[51] **Int.Cl. H02J 4/00 (2006.01) B64D 41/00 (2006.01) G05F 1/10 (2006.01) H02J 9/00 (2006.01)**
[25] EN
[54] **NO BREAK POWER TRANSFER FOR MULTI-SOURCE ELECTRICAL POWER SYSTEM**
[54] **TRANSFERT D'ALIMENTATION SANS ARRET DESTINE A UN SYSTEME D'ALIMENTATION ELECTRIQUE MULTISOURCE**
[72] BUFFENBARGER, RYAN, US
[72] ZHANG, JINHUI, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2016-10-20
[41] 2017-04-30
[30] US (14/927,631) 2015-10-30

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[51] **Int.Cl. F01D 7/00 (2006.01)**
[25] EN
[54] **CENTERLINE-MOUNTED HYDRAULIC PITCH CHANGE MECHANISM ACTUATOR**
[54] **ACTIONNEUR DE MECANISME DE CHANGEMENT DE PAS HYDRAULIQUE CENTRE**
[72] NIERGARTH, DANIEL ALAN, US
[72] MILLER, BRANDON WAYNE, US
[72] ZATORSKI, DAREK TOMASZ, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-20
[41] 2017-05-04
[30] US (14/932,661) 2015-11-04

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[51] **Int.Cl. F24F 1/02 (2011.01) F24F 13/02 (2006.01)**
[25] EN
[54] **DISCHARGE PLENUM FOR PACKAGED HVAC UNIT**
[54] **VIDE D'EVACUATION DESTINE A UN MODULE CVCA ENVELOPPE**
[72] HANSEN, ERIK, US
[72] PACHNIAK, JACOB, US
[72] TURTENWALD, ROY, US
[71] MODINE MANUFACTURING COMPANY, US
[22] 2016-10-21
[41] 2017-05-04
[30] US (14/932,641) 2015-11-04

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[51] **Int.Cl. B23D 47/02 (2006.01) B23D 47/04 (2006.01)**
[25] EN
[54] **MITER SAW**
[54] **SCIE A ONGLET**
[72] TENNANT, C. SCOTT, US
[72] HART, MICHAEL, US
[72] KNIGHT, WALTER, US
[72] IPATENCO, ALEK, US
[71] AC (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2016-10-21
[41] 2017-05-02
[30] US (14/930,006) 2015-11-02

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[51] **Int.Cl. F16M 11/42 (2006.01) F16M 11/06 (2006.01) F16M 11/28 (2006.01)**
[25] EN
[54] **MOBILE BASE FOR A CAMERA CRANE**
[54] **BASE MOBILE DESTINEE A UNE GRUE DE CAMERA**
[72] CHAPMAN, LEONARD T., US
[71] CHAPMAN/LEONARD STUDIO EQUIPMENT, INC., US
[22] 2016-10-20
[41] 2017-05-03
[30] US (14/931,068) 2015-11-03

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[51] **Int.Cl. F16J 15/447 (2006.01)**
[25] EN
[54] **INTERSHAFT SEAL ASSEMBLY**
[54] **DISPOSITIF DE JOINT ENTRE ARBRES**
[72] MUNSON, JOHN, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2016-10-24
[41] 2017-05-02
[30] US (62/249,504) 2015-11-02
[30] US (15/288,079) 2016-10-07

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[51] **Int.Cl. C12C 11/11 (2006.01) C12C 7/00 (2006.01) C12C 11/00 (2006.01)**
[25] EN
[54] **BEER-TASTE BEVERAGE, METHOD FOR PRODUCING THE SAME, AND METHOD FOR IMPROVING TASTE OF THE SAME**
[54] **BOISSON AU GOUT DE BIERE, METHODE DE PRODUCTION ASSOCIEE ET PROCEDE PERMETTANT D'AMELIORER LE COUT DE LADITE BOISSON**
[72] KOZAKI, YOICHI, JP
[71] SAPPORO HOLDINGS LIMITED, JP
[22] 2016-10-26
[41] 2017-04-30
[30] JP (2015-214849) 2015-10-30

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[51] **Int.Cl. F23R 3/28 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01) F02C 7/22 (2006.01) F23R 3/60 (2006.01)**
[25] EN
[54] **COOLED COMBUSTOR FOR A GAS TURBINE ENGINE**
[54] **CHAMBRE DE COMBUSTION REFROIDIE DESTINEE A UN MOTEUR DE TURBINE A GAZ**
[72] NASR, HOJJAT, US
[72] ZHANG, JUNTAO, US
[72] SCHLADT, JESSICA ERIN, US
[72] GONYOU, CRAIG ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-27
[41] 2017-05-06
[30] US (14/934,867) 2015-11-06

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[51] **Int.Cl. G06F 21/62 (2013.01) G06F 17/30 (2006.01) H04L 9/14 (2006.01)**
[25] EN
[54] **TOKEN-BASED SYSTEM FOR EXCISING DATA FROM DATABASES**
[54] **SYSTEME FONDE SUR DES JETONS DESTINE A EXCISER LES DONNEES DES BASES DE DONNEES**
[72] MALLIAH, AVINASH, CA
[72] FRITZ, ROISIN L., CA
[72] BARNETT, JONATHAN K., CA
[72] LEE, JOHN JONG SUK, CA
[72] CHAN, PAUL MON-WAH, CA
[72] DEL VECCHIO, ORIN, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-10-27
[41] 2017-05-04
[30] US (62/250,817) 2015-11-04

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[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR QUANTIFYING TEMPORAL FAIRNESS ON ELECTRONIC TRADING VENUES**
[54] **SYSTEMES ET METHODES DE QUANTIFICATION DE L'EQUITE TEMPORELLE DANS LES EVENEMENTS D'ECHANGE ELECTRONIQUE**
[72] MELTON, HAYDEN PAUL, US
[71] THOMSON REUTERS GLOBAL RESOURCES, CH
[22] 2016-10-27
[41] 2017-05-02
[30] US (14/930,499) 2015-11-02

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[13] A1
[51] **Int.Cl. G06F 15/18 (2006.01)**
[25] EN
[54] **MACHINE LEARNING SYSTEM**
[54] **SYSTEME D'APPRENTISSAGE MACHINE**
[72] THOMPSON, JOHN PAUL, US
[72] LETSON, ERIC, US
[71] WAL-MART STORES, INC., US
[22] 2016-10-27
[41] 2017-05-02
[30] US (62/249,667) 2015-11-02

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[13] A1
[51] **Int.Cl. F42B 6/08 (2006.01) F42B 6/02 (2006.01)**
[25] EN
[54] **BROADHEAD RETAINING CLIP**
[54] **PINCE DE RETENUE A TETE LARGE**
[72] HAHN, DAVID EUGENE, US
[71] BEAR ARCHERY, INC., US
[22] 2016-10-27
[41] 2017-04-30
[30] US (62/248,628) 2015-10-30
[30] US (15/255,362) 2016-09-02

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[51] **Int.Cl. F01D 9/02 (2006.01) F01D 5/08 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH A VANE HAVING A COOLING AIR TURNING NOZZLE**
[54] **MOTEUR DE TURBINE A GAZ DOTE D'UNE AUBE COMPORTANT UNE BUSE PIVOTANTE D'AIR DE REFROIDISSEMENT**
[72] HERNANDEZ, WILHELM RAMON, US
[72] DEMERS, DANIEL EDWARD, US
[72] HOOPER, TYLER FREDERICK, US
[72] CORREIA, VICTOR HUGO SILVA, US
[72] DENNIS, TROY TODD, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-27
[41] 2017-05-05
[30] US (14/933,025) 2015-11-05

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[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **VARIETY CORN LINE IAX3317**
[54] **VARITE DE MAIS IAX3317**
[72] DELZER, BRENT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2016-10-27
[41] 2017-05-03
[30] US (14/931,055) 2015-11-03

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[13] A1
[51] **Int.Cl. B23Q 16/00 (2006.01) E04C 3/16 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR TRUSS ASSEMBLY**
[54] **APPAREIL ET METHODE DESTINES A UN ASSEMBLAGE DE BRIDE**
[72] JOSEPH, EDWARD G., US
[71] JOSEPH, EDWARD G., US
[22] 2016-10-27
[41] 2017-05-03
[30] US (14/930,659) 2015-11-03

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[13] A1
[51] **Int.Cl. H01R 13/62 (2006.01) B64D 41/00 (2006.01) H01R 13/74 (2006.01) H05K 7/10 (2006.01)**
[25] EN
[54] **LOCKING AND EXTRACTION DEVICE FOR AN ELECTRICAL CONNECTOR**
[54] **DISPOSITIF DE VERROUILLAGE ET D'EXTRACTION DESTINE A UN CONNECTEUR ELECTRIQUE**
[72] MOZER, LAURENT, FR
[72] MATEOS, PHILIPPE, FR
[72] LARET, DANIEL, FR
[71] THALES, FR
[22] 2016-10-27
[41] 2017-04-30
[30] FR (1502293) 2015-10-30

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[13] A1
[51] **Int.Cl. A61B 18/12 (2006.01) A61B 34/10 (2016.01) A61B 18/14 (2006.01)**
[25] EN
[54] **PULMONARY VEIN ISOLATION GAP FINDER**
[54] **DISPOSITIF DE REPERAGE D'ESPACE D'ISOLATION DE VEINE PULMONAIRE**
[72] IZRAELI, DAVID, IL
[72] BAR-TAL, MEIR, IL
[72] LUDWIN, DORON MOSHE, IL
[72] SABA, EITAN MOSHE, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-10-27
[41] 2017-05-06
[30] US (62/252,109) 2015-11-06
[30] US (15/268,714) 2016-09-19

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[13] A1
[51] **Int.Cl. B65F 3/14 (2006.01)**
[25] EN
[54] **REFUSE VEHICLE WITH MULTI-SECTION REFUSE EJECTOR**
[54] **VEHICULE DE RAMASSAGE D'ORDURES A EJECTEUR D'ORDURES MULTISECTION**
[72] DAVIS, EMILY A., US
[72] BETZ, GERARD G., II, US
[71] OSHKOSH CORPORATION, US
[22] 2016-10-28
[41] 2017-04-30
[30] US (14/928,907) 2015-10-30

[21] **2,946,827**
[13] A1
[51] **Int.Cl. E04C 1/00 (2006.01)**
[25] EN
[54] **FOAM BLOCK REINFORCED WITH EMBEDDED BODY OF SUPPORT MATERIAL**
[54] **BLOC DE MOUSSE RENFORCE D'UN CORPS INTEGRE DE MATERIAU DE RENFORT**
[72] DAGESSE, PAUL, CA
[72] MINAMIDE, PAT, CA
[72] DAGLEISH, MIKE, CA
[71] PLATINUM INSULATING SERVICES LTD., CA
[22] 2016-10-28
[41] 2017-04-30
[30] US (14/928,175) 2015-10-30

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[13] A1
[51] **Int.Cl. F16L 57/00 (2006.01) F16L 57/06 (2006.01) F16L 59/15 (2006.01)**
[25] EN
[54] **ENCAPSULATION SYSTEM AND KIT FOR A LENGTH OF PIPE DISPOSED UNDERGROUND**
[54] **SYSTEME D'ENCAPSULATION ET TROUSSE DESTINES A UNE LONGUEUR D'UN TUYAU DISPOSE EN SOUS-SOL**
[72] DAGESSE, PAUL, CA
[72] MINAMIDE, PAT, CA
[72] DAGLEISH, MIKE, CA
[71] PLATINUM INSULATING SERVICES LTD., CA
[22] 2016-10-28
[41] 2017-04-30
[30] US (14/928,160) 2015-10-30

[21] **2,946,868**
[13] A1
[51] **Int.Cl. B32B 7/12 (2006.01) B32B 29/06 (2006.01) E04D 5/00 (2006.01)**
[25] EN
[54] **COATED PAPERBOARD FOR TEMPORARY ROOF PATCH**
[54] **CARTONNAGE ENDUIT DESTINE A UNE REPARATION TEMPORAIRE D'UNE TOITURE**
[72] BRYAN, APRIL NICOLE, US
[72] PESTCOE, LAWRENCE RICHARD, US
[72] KIBLER, SCOTT ERIC, US
[72] PHILLIPS, DAVID EUGENE, JR., US
[71] INTERNATIONAL PAPER COMPANY, US
[22] 2016-10-28
[41] 2017-04-30
[30] US (62/248,406) 2015-10-30

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[13] A1
[51] **Int.Cl. H04R 3/12 (2006.01) H04W 84/10 (2009.01) H02J 3/00 (2006.01) H02J 7/00 (2006.01) H04B 7/26 (2006.01)**
[25] EN
[54] **WIRELESS SPEAKER SYSTEM**
[54] **SYSTEME DE HAUT-PARLEUR SANS FIL**
[72] MERTEL, BRIAN, US
[72] NELSON, DANIEL, US
[71] AC (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2016-10-28
[41] 2017-04-30
[30] US (62/248,481) 2015-10-30

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[13] A1
[51] **Int.Cl. A47B 21/06 (2006.01) A47B 13/02 (2006.01) A47B 17/04 (2006.01)**
[25] EN
[54] **WALL MOUNT FURNITURE WITH CABLE CONCEALMENT**
[54] **MEUBLE FIXE AU MUR DOTE D'UN DISPOSITIF CACHE-CABLE**
[72] MCGOWAN, KEVIN, US
[72] WAHRHAFTIG, STEVE, US
[72] NEUDECK, COREY, US
[71] DOREL HOME FURNISHINGS, INC., US
[22] 2016-10-28
[41] 2017-04-30
[30] US (14/928,391) 2015-10-30

[21] **2,946,911**
[13] A1
[51] **Int.Cl. B60R 19/00 (2006.01)**
[25] EN
[54] **VEHICLE HOOD SHIELD AND BRACKET SYSTEM**
[54] **PROTECTEUR DE TOIT DE VEHICULE ET MECANISME DE SUPPORT**
[72] ROSE, BRENT LORENZ, US
[72] BRAGA, BOB, US
[72] SHROYER, JONATHAN, US
[72] BIBB, WILLIAM FRANKLIN, IV, US
[71] LUND, INC., US
[22] 2016-10-26
[41] 2017-04-30
[30] US (62/249,131) 2015-10-30
[30] US (15/072,195) 2016-03-16

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[13] A1
[51] **Int.Cl. G01B 21/22 (2006.01) B25B 21/00 (2006.01) B25F 5/00 (2006.01)**
[25] EN
[54] **POSITION FEEDBACK CONTROL METHOD AND POWER TOOL**
[54] **METHODE DE CONTROLE DE RETROACTION DE POSITIONNEMENT ET OUTIL ELECTRIQUE**
[72] REESE, BRIAN TODD, US
[72] MAYER, CODY LYLE, US
[71] SEARS BRANDS, LLC, US
[22] 2016-10-28
[41] 2017-04-30
[30] US (14/927,932) 2015-10-30

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/10 (2016.01) A61B 6/03 (2006.01)**
[25] EN
[54] **UPDATING A VOLUMETRIC MAP**
[54] **ACTUALISATION D'UNE CARTE VOLUMETRIQUE**
[72] GOVARI, ASSAF, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-10-28
[41] 2017-05-06
[30] US (14/934,268) 2015-11-06

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[13] A1
[51] **Int.Cl. H04S 7/00 (2006.01) H04R 3/00 (2006.01) H04R 5/04 (2006.01)**
[25] EN
[54] **RADIO TRANSDUCER VOLUME BIAS CONTROL METHOD AND APPARATUS**
[54] **METHODE DE COMMANDE DE BIAIS DE VOLUME DE TRANSDUCTEUR RADIO ET APPAREIL**
[72] KRIPP, KEITH, US
[72] NORRIS, JAMES A., US
[72] HAMILTON, JAMES A., US
[71] HARRIS CORPORATION, US
[22] 2016-10-27
[41] 2017-05-05
[30] US (14/933,536) 2015-11-05

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[13] A1
[51] **Int.Cl. F16K 7/06 (2006.01) A47J 31/46 (2006.01) F16K 7/02 (2006.01)**
[25] EN
[54] **PINCH VALVE FOR DISPENSING LIQUID**
[54] **ROBINET A MANCHON DESTINE A LA DISTRIBUTION DE LIQUIDE**
[72] WILSON, AVERY, CA
[72] GAY, BRIAN, CA
[72] COLE, DEREK, CA
[72] MACLEAN, IAN, CA
[72] SHORE, RONALD, CA
[72] TOFFLEMIRE, JEFFREY, CA
[71] A.C. DISPENSING EQUIPMENT INC., CA
[22] 2016-10-31
[41] 2017-04-30
[30] US (62/248,747) 2015-10-30

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[13] A1
[51] **Int.Cl. C08J 5/24 (2006.01) C08L 75/04 (2006.01)**
[25] EN
[54] **POLYURETHANE PREPREGS WITH CONTROLLABLE TACK**
[54] **MATERIAUX PREIMPREGNES DE POLYURETHANE A INSTALLATION CONTROLABLE**
[72] STAPPERFENNE, UWE, DE
[72] SCHMIDT, MARINA-ELENA, DE
[72] GUTMANN, TOBIAS, DE
[72] CRON, CHRISTINA, DE
[72] REEMERS, SANDRA, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2016-10-28
[41] 2017-04-30
[30] EP (15192266.3) 2015-10-30

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[13] A1
[51] **Int.Cl. A45C 13/02 (2006.01) A45C 1/06 (2006.01)**
[25] EN
[54] **APPARATUS INCLUDES WALLET CARD ASSEMBLY SUPPORTING CLEANING FABRIC**
[54] **VETEMENT COMPORTANT UN ENSEMBLE DE PORTEFEUILLE A FENTES POUR CARTE INCLUANT UNE LINGETTE NETTOYANTE**
[72] BOROSEVICH, MICAH JORDAN, CA
[71] BOROSEVICH, MICAH JORDAN, CA
[22] 2016-10-31
[41] 2017-05-02
[30] US (14/929,740) 2015-11-02

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[13] A1
[51] **Int.Cl. B23K 26/382 (2014.01)**
[25] EN
[54] **LASER AUGMENTED DIAMOND DRILLING APPARATUS AND METHHOD**
[54] **APPAREIL DE FORAGE AU DIAMANT AUGMENTE PAR LASER ET METHODE**
[72] PATTEN, JOHN A., US
[72] MOHAMMADI, HOSSEIN, US
[71] THE BOARD OF TRUSTEES OF WESTERN MICHIGAN UNIVERSITY, US
[22] 2016-10-28
[41] 2017-04-30
[30] US (62/248,863) 2015-10-30

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[13] A1
[51] **Int.Cl. F16K 51/00 (2006.01) F16K 7/00 (2006.01)**
[25] EN
[54] **PINCH VALVE FOR DISPENSING LIQUID**
[54] **ROBINET A MANCHON DESTINE A LA DISTRIBUTION DE LIQUIDE**
[72] WILSON, AVERY, CA
[72] GAY, BRIAN, CA
[72] COLE, DEREK, CA
[72] TOFFLEMIRE, JEFFREY, CA
[72] MACLEAN, IAN, CA
[72] SHORE, RONALD, CA
[71] A.C. DISPENSING EQUIPMENT INC., CA
[22] 2016-10-31
[41] 2017-04-30
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[13] A1
[51] **Int.Cl. F16K 7/06 (2006.01) A47J 31/46 (2006.01) F16K 7/02 (2006.01)**
[25] EN
[54] **PINCH VALVE FOR DISPENSING LIQUID**
[54] **ROBINET A MANCHON DESTINE A LA DISTRIBUTION DE LIQUIDE**
[72] WILSON, AVERY, CA
[72] GAY, BRIAN, CA
[72] COLE, DEREK, CA
[72] TOFFLEMIRE, JEFFREY, CA
[72] MACLEAN, IAN, CA
[72] SHORE, RONALD, CA
[71] A.C. DISPENSING EQUIPMENT INC., CA
[22] 2016-10-31
[41] 2017-04-30
[30] US (62/248,747) 2015-10-30

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[13] A1
[51] **Int.Cl. G08B 13/22 (2006.01)**
[25] EN
[54] **SITE MANAGEMENT SYSTEM WITH DYNAMIC SITE THREAT LEVEL BASED ON GEO-LOCATION DATA**
[54] **SYSTEME DE GESTION DE SITE A NIVEAU DE MENACE DE SITE DYNAMIQUE FONDE SUR LES DONNEES DE GEOLOCALISATION**
[72] SETHURAMAN, RAJESHKUMAR THAPPALI RAMASWAMY, US
[72] VADAMALAYAN, MUTHURAMJI, US
[72] KRISHNAN, VISWANATHAN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-10-28
[41] 2017-05-06
[30] US (14/934,543) 2015-11-06

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[13] A1
[51] **Int.Cl. E03C 1/22 (2006.01)**
[25] EN
[54] **WATERLESS TRAP**
[54] **SIPHON SANS EAU**
[72] BENESH, MICHAEL T., US
[72] MORRIS, JASON E., US
[72] VERDECCHIA, WILLIAM A., US
[72] BISSELL, DONALD J., US
[71] ZURN INDUSTRIES, LLC, US
[22] 2016-11-01
[41] 2017-05-02
[30] US (62/249,576) 2015-11-02

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[13] A1
[51] **Int.Cl. G01F 11/00 (2006.01) B67D 7/02 (2010.01) A47J 31/41 (2006.01) B67C 9/00 (2006.01)**
[25] EN
[54] **FLAVORING DISPENSING APPARATUS, SYSTEM AND METHOD**
[54] **APPAREIL DE DISTRIBUTION D'AROME, SYSTEME ET METHODE**
[72] WEBSTER, JOSEPH P., US
[72] BRANDSMA, DAVID L., US
[72] ROMANYSZYN, MICHAEL, US
[71] NEWCO ENTERPRISES, INC., US
[22] 2016-11-01
[41] 2017-05-01
[30] US (62/249,345) 2015-11-01

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[21] **2,947,166**
[13] A1
[51] **Int.Cl. E04H 17/24 (2006.01) E04H 17/20 (2006.01)**
[25] EN
[54] **WIRE RETAINING FENCE POST**
[54] **POTEAU DE CLOTURE RETENANT UN FIL**
[72] TATE, RODNEY JAMES, AU
[71] FERAL PTY LTD., AU
[22] 2016-11-02
[41] 2017-05-02
[30] AU (2015904490) 2015-11-02

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[21] **2,947,200**
[13] A1
[51] **Int.Cl. G01N 29/14 (2006.01) D21C 11/00 (2006.01)**
[25] EN
[54] **ACOUSTIC EMISSION SYSTEM AND METHOD FOR PREDICTING EXPLOSIONS IN DISSOLVING TANK**
[54] **SYSTEME D'EMISSION ACOUSTIQUE ET METHODE DE PREDICTION DES EXPLOSIONS DANS UN RESERVOIR DE DISSOLUTION**
[72] AURA, KARI AATOS, FI
[72] TIMOTHEO, ALVARO MOURA, US
[71] ANDRITZ INC., US
[22] 2016-11-01
[41] 2017-05-06
[30] US (62/252,221) 2015-11-06
[30] US (15/333,695) 2016-10-25

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[21] **2,947,202**
[13] A1
[51] **Int.Cl. H02P 1/16 (2006.01) H02P 21/22 (2016.01) F01D 19/00 (2006.01) F02C 7/268 (2006.01)**
[25] EN
[54] **DYNAMIC LIMITATION DEVICE AND DYNAMIC LIMITATION METHOD IMPLEMENTING A DEVICE OF THIS KIND**
[54] **APPAREIL DE LIMITATION DYNAMIQUE ET METHODE DE LIMITATION DYNAMIQUE METTANT EN PLACE UN DISPOSITIF DE CE TYPE**
[72] GUGUEN, STEPHANE, FR
[71] THALES, FR
[22] 2016-11-01
[41] 2017-05-04
[30] FR (1502322) 2015-11-04

[21] **2,947,205**
[13] A1
[51] **Int.Cl. B01F 15/02 (2006.01) B01F 3/12 (2006.01) B01F 5/12 (2006.01)**
[25] EN
[54] **AUTOMATED MANURE AGITATION AND TRANSFER**
[54] **AGITATION ET TRANSFERT DE FUMIER AUTOMATISES**
[72] NUHN, IAN, CA
[71] NUHN INDUSTRIES LTD., CA
[22] 2016-11-02
[41] 2017-05-03
[30] US (62/249,983) 2015-11-03

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[21] **2,947,223**
[13] A1
[51] **Int.Cl. B23Q 3/06 (2006.01)**
[25] EN
[54] **METAL OR WOOD WORKING EQUIPMENT WITH WORK-PIECE SECURING APPARATUS**
[54] **EQUIPEMENT DE TRAVAIL DU METAL OU DU BOIS DOTE D'UN MECANISME DE FIXATION DE LA PIECE DE TRAVAIL**
[72] MELNIK, PETER, CA
[72] ADAMS, TRAVIS, CA
[72] LADELL, SCOTT, CA
[71] MELNIK RESOURCES LTD., CA
[22] 2016-11-02
[41] 2017-05-06
[30] US (62/251,769) 2015-11-06

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[13] A1
[51] **Int.Cl. A61G 7/10 (2006.01) A61G 7/14 (2006.01)**
[25] EN
[54] **APPARATUS AND SYSTEM FOR LIFTING, MOVING, TURNING, AND POSITIONING A PATIENT**
[54] **APPAREIL ET SYSTEME DESTINES A LEVER, DEPLACER, RETOURNER ET POSITIONNER UN PATIENT**
[72] RIGONI, MICHAEL J., US
[72] SWEETWOOD, GARRETT W., US
[72] DAVIS, GREGORY T., US
[72] FOWLER, PAUL M., US
[71] SAGE PRODUCTS, LLC, US
[22] 2016-11-01
[41] 2017-05-02
[30] US (62/249,719) 2015-11-02

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[13] A1
[51] **Int.Cl. E21B 17/10 (2006.01) E21B 7/08 (2006.01) E21B 17/16 (2006.01)**
[25] EN
[54] **DEVICE TO RESIST ROTATIONAL FORCES WHILE DRILLING A BOREHOLE**
[54] **DISPOSITIF SERVANT A RESISTER AUX FORCES DE ROTATION PENDANT LE FORAGE DANS UN TROU DE FORAGE**
[72] SHAHIPASSAND, SIAMAK, LU
[72] REINERS, PATRICK, LU
[72] BAKKE, STIG, LU
[72] GORRARA, ANDREW, LU
[71] NABORS LUX FINANCE 2 SARL, LU
[22] 2016-11-01
[41] 2017-05-03
[30] US (62/250,368) 2015-11-03
[30] US (15/336,334) 2016-10-27

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[13] A1
[51] **Int.Cl. A01M 31/00 (2006.01) E04H 15/00 (2006.01)**
[25] EN
[54] **CARRYABLE LAYOUT BLIND**
[54] **STORE AMOVIBLE PORTATIF**
[72] BRUNE, ADAM, US
[72] SCHEIDEGGER, ZACH, US
[71] ACTIVE LIFESTYLE PRODUCTS & SERVICES, INC., US
[22] 2016-11-02
[41] 2017-05-02
[30] US (62/249,663) 2015-11-02
[30] US (15/340,702) 2016-11-01

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[21] **2,947,285**
[13] A1
[51] **Int.Cl. H02G 1/12 (2006.01)**
[25] EN
[54] **A SEPARATING AND INSULATION REMOVAL DEVICE FOR A CABLE-PROCESSING MACHINE**
[54] **UN DISPOSITIF DE SEPARATION ET D'ENLEVEMENT D'ISOLANT DESTINE A UNE MACHINE DE TRAITEMENT DE CABLE**
[72] BRAUN, SEBASTIAN, DE
[72] SCHAFER, BENJAMIN, DE
[71] SCHLEUNIGER HOLDING AG, CH
[22] 2016-11-02
[41] 2017-05-04
[30] EP (15192979.1) 2015-11-04

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[21] **2,947,289**
[13] A1
[51] **Int.Cl. B01D 27/04 (2006.01) B01D 27/08 (2006.01)**
[25] EN
[54] **COALESCING FILTER ELEMENT**
[54] **ELEMENT DE FILTRE COALESCENT**
[72] STAMEY, WILLIE L., JR., US
[72] ROLL, MARK A., US
[72] RHYNE, GREGORY K., US
[71] MANN+HUMMEL FILTRATION TECHNOLOGY US LLC, US
[22] 2016-11-02
[41] 2017-05-03
[30] US (14/931,473) 2015-11-03

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[21] **2,947,301**
[13] A1
[51] **Int.Cl. E04C 3/12 (2006.01)**
[25] EN
[54] **FIRE-RESISTANT WOODEN-I-JOIST**
[54] **POUTRELLE DE BOIS EN I RESISTANT AU FEU**
[72] DETTBARN, RICHARD, CA
[71] PINKWOOD LTD., CA
[22] 2016-11-01
[41] 2017-05-04
[30] US (62/250,909) 2015-11-04
[30] US (62/321,336) 2016-04-12
[30] US (62/380,798) 2016-08-29

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[21] **2,947,315**
[13] A1
[51] **Int.Cl. B60D 1/24 (2006.01)**
[25] EN
[54] **TOW APPARATUS**
[54] **APPAREIL DE REMORQUAGE**
[72] MASANZ, MARK A., US
[71] MASANZ, MARK A., US
[22] 2016-11-03
[41] 2017-05-03
[30] US (62/250,168) 2015-11-03

[21] **2,947,344**
[13] A1
[51] **Int.Cl. H04W 4/02 (2009.01) H04W 12/08 (2009.01) H04W 64/00 (2009.01) G06K 7/10 (2006.01) G06K 9/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CORRECTION OF GEOGRAPHIC INCONSISTENCY IN ITEM PROPERTIES**
[54] **SYSTEMES ET METHODES DE CORRECTION D'INCONSISTANCES GEOGRAPHIQUES DANS LES PROPRIETES D'UN ELEMENT**
[72] REAL, SEAN PAUL, US
[72] STEVENS, TIMOTHY JOHN, US
[72] THANGARAJ, MAHESH SUNDAR, US
[72] HELMS, ANTHONY WILLIAM, US
[72] BURGE, BRIAN DEWAYNE, US
[72] BAER, JOHAN CHRISTOPHE, US
[71] WAL-MART STORES, INC., US
[22] 2016-11-03
[41] 2017-05-04
[30] US (62/250,746) 2015-11-04

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[21] **2,947,355**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01)**
[25] EN
[54] **PROCESS AND SYSTEM FOR PRODUCING STEAM FOR USE IN HYDROCARBON RECOVERY PROCESS**
[54] **PROCEDE ET SYSTEME DE PRODUCTION DE VAPEUR DESTINES AU PROCEDE DE RECUPERATION D'HYDROCARBURE**
[72] ADAMS, STEWART A. H., CA
[72] IKENYEI, IHUAKU I., CA
[72] BAILIE, ROBERT E., CA
[71] FCCL PARTNERSHIP, CA
[22] 2016-11-02
[41] 2017-05-04
[30] CA (2,911,206) 2015-11-04

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[13] A1
[51] **Int.Cl. A61G 17/00 (2006.01) A61G 17/04 (2006.01) E04H 13/00 (2006.01)**
[25] EN
[54] **CASKET AND METHOD FOR APPLYING AN OUTER LAYER WITH CUSTOMIZABLE ARTWORK DESIGN TO FINISH THE CASKET**
[54] **CERCUEIL ET METHODE D'APPLICATION D'UNE COUCHE EXTERIEURE DE FINITION PRESENTANT UN MOTIF ARTISTIQUE PERSONNALISABLE**
[72] FORMUSO, GIUSEPPE, CA
[72] CARVALHO, ROLANDO OSCAR, CA
[72] MARZILLI, ROBERT, CA
[71] FORMUSO, GIUSEPPE, CA
[22] 2016-11-03
[41] 2017-05-03
[30] US (14/930,835) 2015-11-03

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[21] **2,947,431**
[13] A1
[51] **Int.Cl. C10G 9/02 (2006.01) C10G 75/00 (2006.01)**
[25] EN
[54] **VACUUM WASH BED**
[54] **LIT DE LAVAGE A VIDE**
[72] CANTLEY, GREGORY A., US
[72] JOHNSON, JAMES F., US
[72] SEXTON, JEFF, US
[71] MARATHON PETROLEUM COMPANY LP, US
[22] 2016-11-03
[41] 2017-05-05
[30] US (62/251,285) 2015-11-05

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[21] **2,947,452**
[13] A1
[51] **Int.Cl. B26D 1/08 (2006.01) B26D 1/10 (2006.01)**
[25] EN
[54] **SPRING-ASSISTED UTILITY KNIFE**
[54] **COUTEAU UTILITAIRE A RESSORT**
[72] PELLETIER, THOMAS, US
[72] LOMBARDI, KEITH, US
[72] HUNG, JO-TUNG, TW
[71] STANLEY BLACK & DECKER, INC., US
[22] 2016-11-03
[41] 2017-05-04
[30] US (62/250,730) 2015-11-04

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[13] A1
[51] **Int.Cl. B26B 1/08 (2006.01) B26B 1/10 (2006.01)**
[25] EN
[54] **UTILITY KNIFE WITH SKEWED PIVOTAL BLADE LOCK**
[54] **COUTEAU UTILITAIRE DOTE D'UN VERROU DE LAME PIVOTANT VISSE**
[72] RANIERI, ERIC, FR
[72] ROWLAY, STEPHEN, GB
[72] PELLETIER, THOMAS, US
[71] STANLEY BLACK & DECKER, INC., US
[22] 2016-11-03
[41] 2017-05-05
[30] US (62/251,236) 2015-11-05

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[21] **2,947,460**
[13] A1
[51] **Int.Cl. H01F 27/14 (2006.01) H02B 7/08 (2006.01)**
[25] EN
[54] **FAULT-TOLERANT POWER TRANSFORMER DESIGN AND METHOD OF FABRICATION**
[54] **CONCEPT DE TRANSFORMATEUR DE PUISSANCE TOLERANT LA PANNE ET METHODE DE FABRICATION**
[72] GROEGER, JOSEPH H., US
[72] WEGNER, RALPH, CA
[72] MADRAY, WINSTON, CA
[72] NORBERG, GARTH, CA
[72] KLAPONSKI, BRIAN, CA
[71] CARTE INTERNATIONAL INC., CA
[22] 2016-11-03
[41] 2017-05-03
[30] US (14/931,144) 2015-11-03

[21] **2,947,544**
[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01) G06F 21/78 (2013.01)**
[25] FR
[54] **SECURE DATA RECORDING PROCESS, CORRESPONDING DEVICE AND PROGRAM**
[54] **PROCEDE D'ENREGISTREMENT SECURISE DE DONNEES, DISPOSITIF ET PROGRAMME CORRESPONDANTS**
[72] ROLIN, CHRISTIAN, FR
[72] MULLER, LAURENT, FR
[72] BELLAHCENE, MOHAMMED, FR
[72] BOYER, JESSICA, FR
[72] POMMARET, JEAN-CHRISTOPHE, FR
[71] INGENICO GROUP, FR
[22] 2016-11-04
[41] 2017-05-06
[30] FR (1560682) 2015-11-06

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[13] A1
[51] **Int.Cl. H03M 13/11 (2006.01) H04W 80/02 (2009.01) H04L 1/24 (2006.01)**
[25] EN
[54] **CHANNEL CODING FRAMEWORK FOR 802.11AY AND LARGER BLOCK-LENGTH LDPC CODES FOR 11AY WITH TWO-STEP LIFTING MATRICES AND IN-PLACE PROPERTY**
[54] **STRUCTURE DE CODAGE DE CANAL DE CODES 802.11AY ET DE CODES LDPC A LONGUEUR DE BLOC PLUS GRANDE DESTINEE AU 11AY A MATRICES DE LEVAGE EN DEUX ETAPES ET PROPRIETE EN PLACE**
[72] ABU-SURRA, SHADI, US
[72] PISEK, ERAN, US
[72] HENIGE, THOMAS, US
[72] TAORI, RAKESH, US
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2016-11-04
[41] 2017-05-06
[30] US (62/251,823) 2015-11-06
[30] US (62/350,582) 2016-06-15
[30] US (15/294,612) 2016-10-14

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[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 90/00 (2016.01) A61B 17/115 (2006.01) A61B 18/12 (2006.01)**
[25] EN
[54] **ADAPTER, EXTENSION, AND CONNECTOR ASSEMBLIES FOR SURGICAL DEVICES**
[54] **DISPOSITIFS D'ADAPTATEUR, DE RALLONGE ET DE RACCORD POUR APPAREILS CHIRURGICAUX**
[72] WILLIAMS, JUSTIN, US
[72] WINK, JON, US
[71] COVIDIEN LP, US
[22] 2016-11-04
[41] 2017-05-06
[30] US (62/251,930) 2015-11-06
[30] US (15/292,761) 2016-10-13

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[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **ADAPTER ASSEMBLY FOR SURGICAL DEVICE**
[54] **DISPOSITIF D'ADAPTATEUR DESTINE A UN APPAREIL CHIRURGICAL**
[72] GUTELIUS, PATRICK N., US
[72] KHOURI, KHALIL R., US
[72] RADZIUNAS, JEFFREY P., US
[71] COVIDIEN LP, US
[22] 2016-11-04
[41] 2017-05-05
[30] US (62/251,300) 2015-11-05
[30] US (15/297,178) 2016-10-19

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[13] A1
[51] **Int.Cl. G08B 3/10 (2006.01) G08G 1/00 (2006.01) G10K 15/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENHANCING A PROXIMITY WARNING SOUND**
[54] **SYSTEME ET METHODE DESTINES A L'AMELIORATION D'UN SON D'AVERTISSEMENT A PROXIMITE**
[72] GRENN, JOHN PATRICK, CA
[72] HARVEY, MARK WILLIAM, CA
[72] HETHERINGTON, PHILLIP ALAN, CA
[71] BLACKBERRY LIMITED, CA
[71] 2236008 ONTARIO, INC., CA
[22] 2016-11-04
[41] 2017-05-06
[30] US (14/935,057) 2015-11-06

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[13] A1
[51] **Int.Cl. B65G 25/04 (2006.01) B65G 25/00 (2006.01)**
[25] EN
[54] **LOW PROFILE SUSPENSION SYSTEM WITH HORIZONTAL ELASTIC MEMBERS**
[54] **MECANISME DE SUSPENSION A PROFIL BAS DOTE D'ELEMENTS ELASTIQUES HORIZONTAUX**
[72] TAMLIN, PAUL ROBERT, CA
[71] MAYFRAN INTERNATIONAL, INC., US
[22] 2016-11-04
[41] 2017-05-05
[30] US (62/251,310) 2015-11-05

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[21] **2,947,568**
[13] A1
[51] **Int.Cl. A47C 31/00 (2006.01) B65G 7/08 (2006.01) B66F 19/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS RELATING TO LIFTING AIDS**
[54] **METHODES ET SYSTEMES PORTANT SUR LES AUXILIAIRES DE LEVAGE**
[72] WALL, LISA CAROLYN, CA
[71] WALL, LISA CAROLYN, CA
[22] 2016-11-04
[41] 2017-05-05
[30] US (62/251,278) 2015-11-05

[21] **2,947,574**
[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **REMOTE PREHEAT AND PAD STEAM GENERATION**
[54] **PRECHAUFFAGE A DISTANCE ET GENERATION DE VAPEUR DE PUITS SUR PLATEFORME**
[72] ZHANG, JINGWEI, US
[72] MACADAM, SCOTT, US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2016-11-03
[41] 2017-05-04
[30] US (62/250,872) 2015-11-04
[30] US (15/341,076) 2016-11-02

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[21] **2,947,575**
[13] A1
[51] **Int.Cl. B62D 55/08 (2006.01)**
[25] EN
[54] **TRACK SYSTEM FOR TRACTION OF A VEHICLE**
[54] **SYSTEME DE CHENILLE POUR LA TRACTION D'UN VEHICULE**
[72] ZUCHOSKI, JEREMIE, CA
[72] JEAN, BERNARD, CA
[71] CAMSO INC., CA
[22] 2016-11-03
[41] 2017-05-03
[30] US (62/250,246) 2015-11-03

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[21] **2,947,578**
[13] A1
[51] **Int.Cl. G06F 17/11 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING AN EMBEDDING PATTERN USED FOR SOLVING A QUADRATIC BINARY OPTIMIZATION PROBLEM**
[54] **METHODE ET SYSTEME DE GENERATION D'UN MOTIF IMBRIQUE UTILISE POUR RESOUDRE UN PROBLEME D'OPTIMISATION BINAIRE QUADRATIQUE**
[72] ZARIBAFIYAN, ARMAN, CA
[72] MARCHAND, DOMINIC, CA
[72] CHANGIZ REZAEI, SEYED SAEED, CA
[71] 1QB INFORMATION TECHNOLOGIES INC., CA
[22] 2016-11-03
[41] 2017-05-04
[30] US (62/250,705) 2015-11-04

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[21] **2,947,582**
[13] A1
[51] **Int.Cl. E05F 15/611 (2015.01) E05F 15/53 (2015.01) E06B 5/10 (2006.01) E21F 1/10 (2006.01) E21F 1/14 (2006.01)**
[25] EN
[54] **ARTICULATED MINE DOOR OPENING MECHANISM**
[54] **MECANISME D'OUVERTURE DE PORTE DE MINE ARTICULE**
[72] KENNEDY, WILLIAM R., US
[72] KENNEDY, JOHN M., US
[71] JACK KENNEDY METAL PRODUCTS & BUILDINGS, INC., US
[22] 2016-11-04
[41] 2017-05-06
[30] US (62/252,119) 2015-11-06

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[21] **2,947,584**
[13] A1
[51] **Int.Cl. C12N 15/12 (2006.01) C07K 14/47 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 15/67 (2006.01) C12N 15/85 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **MODIFIED FRIEDREICH ATAXIA GENES AND VECTORS**
[54] **GENES ET VECTEURS D'ATAXIE DE FRIEDREICH MODIFIES**
[72] SAMULSKI, RICHARD J., US
[71] BAMBOO THERAPEUTICS, INC., US
[22] 2016-11-04
[41] 2017-05-05
[30] US (62/251,288) 2015-11-05
[30] US (62/411,980) 2016-10-24

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[21] **2,947,594**
[13] A1
[51] **Int.Cl. B23Q 5/22 (2006.01)**
[25] EN
[54] **SHUTTLE SYSTEM TO MOVE STRAPPED/BUNDLED MATERIAL FOR SAWING**
[54] **MECANISME DE NAVETTE SERVANT A DEPLACES DES MATERIAUX A SCIER ATTACHES OU GROUPES**
[72] DI GIOVANNI, WALTER, IT
[72] RACZYNSKI, WIESLAW, CA
[72] PASIAK, ZBIGNIEW E., CA
[72] VAN SCHAAYK, ROBIN, CA
[71] HYD-MECH GROUP LIMITED, CA
[22] 2016-11-04
[41] 2017-05-06
[30] US (62/252,041) 2015-11-06

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[21] **2,947,645**
[13] A1
[51] **Int.Cl. F42B 6/06 (2006.01) F42B 6/04 (2006.01)**
[25] EN
[54] **NOCK AND NOCK RECEIVER**
[54] **ENCOCHE ET RECEPTEUR D'ENCOCHE**
[72] MOOK, DEAN, US
[72] ANS, GREGORY S., US
[71] HUNTER'S MANUFACTURING COMPANY, INC., D/B/A TENPOINT CROSSBOW TECHNOLOGIES, US
[22] 2016-11-07
[41] 2017-05-06
[30] US (62/251,729) 2015-11-06

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[21] **2,947,688**
[13] A1
[51] **Int.Cl. B64C 29/00 (2006.01) B64F 3/00 (2006.01)**
[25] EN
[54] **TETHERED WING STRUCTURES COMPLEX FLIGHT PATH**
[54] **CHEMIN DE VOL COMPLEXE DE STRUCTURES AILEES LIEES**
[72] RANCOURT, DAVID, CA
[72] DEMERS BOUCHARD, ETIENNE, CA
[71] RANCOURT, DAVID, CA
[71] DEMERS BOUCHARD, ETIENNE, CA
[22] 2016-11-07
[41] 2017-05-06
[30] US (62/251,762) 2015-11-06

[21] **2,947,696**
[13] A1
[51] **Int.Cl. H01M 10/0565 (2010.01) H01G 11/56 (2013.01)**
[25] FR
[54] **IONOGEL FORMING AN AUTOSUPPORTED ELECTROLYTE FILM, ELECTROCHEMICAL DEVICE INCORPORATING SAME AND FABRICATION PROCESS FOR IONOGEL**
[54] **IONOGEL FORMANT UN FILM AUTOSUPPORTE D'ELECTROLYTE SOLIDE, DISPOSITIF ELECTROCHIMIQUE L'INCORPORANT ET PROCEDE DE FABRICATION DE L'IONOGEL**
[72] AYME-PERROT, DAVID, FR
[72] SONNTAG, PHILIPPE, FR
[72] GIRARD, PHILIPPE-FRANCK, FR
[72] CERCLIER, CAROLE, FR
[72] LE BIDEAU, JEAN, FR
[72] BROUSSE, THIERRY, FR
[71] HUTCHINSON, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE NANTES, FR
[22] 2016-11-04
[41] 2017-05-05
[30] FR (15 60 622) 2015-11-05

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[21] **2,947,698**
[13] A1
[51] **Int.Cl. A62B 17/00 (2006.01) A41D 3/00 (2006.01) A41D 13/00 (2006.01)**
[25] EN
[54] **FIREFIGHTER PROTECTIVE GARMENT HAVING A THERMAL BARRIER WITH SPACERS TO INCREASE DISSIPATION OF METABOLIC HEAT**
[54] **VETEMENT DE PROTECTION DESTINE AUX POMPIERS COMPORTANT UNE BARRIERE THERMIQUE DOTEE D'ESPACEURS AFIN D'AUGMENTER LA DISSIPATION DE CHALEUR METABOLIQUE**
[72] BARBEAU, CLAUDE, CA
[72] ST-ARNEAULT, ERIC, CA
[72] BIGONNESSE, MAXIME, CA
[71] INNOTEX INC., CA
[22] 2016-11-04
[41] 2017-05-04
[30] US (62/250,683) 2015-11-04

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[13] A1
[51] **Int.Cl. B23K 9/28 (2006.01)**
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[54] **FLEXIBLE WIRE GUIDE SYSTEM**
[54] **MECANISME GUIDE-FIL FLEXIBLE**
[72] COOPER, EDWARD L., US
[72] HAYES, STEVEN J., US
[71] ELCO ENTERPRISES, INC., US
[22] 2016-11-07
[41] 2017-05-06
[30] US (62/251,990) 2015-11-06

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[13] A1
[51] **Int.Cl. B23K 9/32 (2006.01) B23K 9/28 (2006.01)**
[25] EN
[54] **NOZZLE CLEANER**
[54] **NETTOYEUR DE BUSE**
[72] COOPER, EDWARD L., US
[72] HAYES, STEVEN J., US
[71] ELCO ENTERPRISES, INC., US
[22] 2016-11-07
[41] 2017-05-06
[30] US (14/934,921) 2015-11-06

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[13] A1
[51] **Int.Cl. A61M 39/22 (2006.01) A61B 8/00 (2006.01) A61M 5/00 (2006.01)**
[25] EN
[54] **VALVE APPARATUS THAT REGULATES FLOW OF FLUID AND VACUUM PRESSURE**
[54] **APPAREILLAGE DE VANNE SERVANT A REGULER L'ECOULEMENT DE FLUIDE ET LA PRESSION D'ASPIRATION**
[72] WHITLEY, KENNETH W., US
[71] TELEFLEX MEDICAL INCORPORATED, US
[22] 2016-11-04
[41] 2017-05-06
[30] US (62/252,001) 2015-11-06

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[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **SINGLE-RUN WELL ABANDONING METHOD AND APPARATUS**
[54] **METHODE D'ABANDON DE PUITS EN UNE SEULE ETAPE ET APPAREIL**
[72] JONES, KELLY, CA
[72] POOLE, SCOTT, CA
[71] SELECT ENERGY SYSTEMS INC., CA
[22] 2016-11-04
[41] 2017-05-06
[30] US (62/252,040) 2015-11-06

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[13] A1
[51] **Int.Cl. B60Q 1/00 (2006.01)**
[25] EN
[54] **REPLACEMENT VEHICLE LAMP ASSEMBLY WITH ATTACHMENT MEMBER**
[54] **ENSEMBLE DE REMPLACEMENT DE LAMPE DE VEHICULE DOTE D'UN ELEMENT DE FIXATON**
[72] SPERANZA, MICHAEL, US
[72] TROUTMAN, SCOTT, US
[71] TRUCK-LITE CO., LLC, US
[22] 2016-11-04
[41] 2017-05-06
[30] US (15/343,331) 2016-11-04
[30] US (62/252,348) 2015-11-06

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[13] A1
[51] **Int.Cl. E21B 43/16 (2006.01) E21B 43/17 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **PROCESSES FOR EFFECTING INTERWELL COMMUNICATION DURING HYDROCARBON PRODUCTION**
[54] **PROCEDES SERVANT A REALISER LA COMMUNICATION INTERPUITS PENDANT LA PRODUCTION D'HYDROCARBURES**
[72] SANCHEZ, JULIO, CA
[71] NEXEN ENERGY ULC, CA
[22] 2016-11-04
[41] 2017-05-06
[30] US (62/252,069) 2015-11-06

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[13] A1
[51] **Int.Cl. B66C 13/06 (2006.01) B25J 11/00 (2006.01) B66C 13/04 (2006.01) B66C 13/18 (2006.01) B66C 13/48 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR POSITIONING AND ORIENTATING A LOAD**
[54] **APPAREIL ET METHODE DE POSITIONNEMENT ET ORIENTATION D'UNE CHARGE**
[72] RODRIGUEZ MIJANGOS, MARIA DE LA O, ES
[72] BARADAT, CEDRIC, FR
[72] IZARD, JEAN-BAPTISTE, FR
[72] MICHELIN, MICAEL, FR
[72] YANG, HAI, FR
[72] SALLE, DAMIEN, ES
[71] FUNDACION TECNALIA RESEARCH & INNOVATION, ES
[22] 2016-11-04
[41] 2017-05-06
[30] EP (15382550.0) 2015-11-06

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[51] **Int.Cl. E04C 5/18 (2006.01) E04B 1/38 (2006.01)**
[25] EN
[54] **INTEGRAL TRUSS PLATE CONNECTOR**
[54] **CONNECTEUR DE FERME DE TOIT INTEGRAL**
[72] MUHN, DUSTIN P., US
[72] STAUFFER, TIMOTHY M., US
[72] EVANS, THOMAS G., US
[72] HENSEN, SAM THOMAS, US
[72] OVERHOLTZER, LLOYD SHAWN, US
[71] SIMPSON STRONG-TIE COMPANY, INC., US
[22] 2016-11-07
[41] 2017-05-06
[30] US (62/252,385) 2015-11-06

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[51] **Int.Cl. G01M 99/00 (2011.01) F24F 11/00 (2006.01)**
[25] EN
[54] **INSPECTION SYSTEM AND METHOD FOR HVAC UNITS**
[54] **SYSTEME ET METHODE D'INSPECTION DE MODULES CVCA**
[72] WILSON, JOHN, US
[71] MESTEK, INC., US
[22] 2016-11-04
[41] 2017-05-06
[30] US (62/251,861) 2015-11-06

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[51] **Int.Cl. F21S 4/28 (2016.01) F21S 4/20 (2016.01) F21S 9/02 (2006.01) F21K 9/60 (2016.01) F21V 5/00 (2015.01)**
[25] EN
[54] **MODULAR STRIP LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE A BANDE MODULAIRE**
[72] FORD, TIMOTHY D.F., CA
[71] 9609385 CANADA INC., CA
[22] 2016-11-07
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[30] US (62/251,745) 2015-11-06

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[51] **Int.Cl. A01K 1/01 (2006.01)**
[25] EN
[54] **PET LITTER TRAY, BOX, AND SYSTEM**
[54] **BAC DE LITIERE POUR ANIMAUX, BOITE ET SYSTEME**
[72] PETTY, NICHOLAS, CA
[72] GUMPESBERGER, RALPH P., GB
[71] LUUUP INC., CA
[22] 2017-01-12
[41] 2017-05-05

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[13] A1
[51] **Int.Cl. H04R 29/00 (2006.01) G09B 9/00 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **A SYSTEM FOR GENERATING CALIBRATED MULTI-CHANNEL NON COHERENT SIGNALS**
[54] **UN SYSTEME SERVANT A PRODUIRE DES SIGNAUX NON COHERENTS MULTICANAUX ETALONNES**
[72] AYOTTE, MAXIME, CA
[71] CAE INC., CA
[22] 2017-02-24
[41] 2017-05-02

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[13] A1
[51] **Int.Cl. G01R 19/25 (2006.01) G01R 19/00 (2006.01) H02J 1/00 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **APPARATUS, METHOD AND DEVICE FOR SENSING DC CURRENTS**
[54] **APPAREIL, METHODE ET DISPOSITIF DE DETECTION DE COURANT CC**
[72] NGUYEN, HUY D., US
[72] LEE, TOM LIK-CHUNG, US
[71] NEILSEN-KULJIAN, INC., US
[22] 2017-02-27
[41] 2017-05-04
[30] US (15/134328) 2016-04-20

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[13] A1
[51] **Int.Cl. E01C 13/08 (2006.01)**
[25] EN
[54] **BASE FOR TURF SYSTEM**
[54] **BASE DE STRUCTURE DE SURFACE DE GAZON**
[72] SAWYER, STEVEN LEE, US
[72] SAWYER, DANIEL C., US
[72] RUNKLES, RICHARD R., US
[71] BROCK USA, LLC, US
[22] 2017-03-01
[41] 2017-05-03
[30] US (15/372,056) 2016-12-07

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[51] **Int.Cl. E21F 17/18 (2006.01) G06Q 50/02 (2012.01) E21F 13/00 (2006.01) E21F 17/00 (2006.01) G08B 21/02 (2006.01)**
[25] EN
[54] **MINE MANAGEMENT SYSTEM AND MINE MANAGING METHOD**
[54] **MECANISME DE GESTION DES MINES ET METHODE DE GESTION DES MINES**
[72] HIRANAKA, TAKASHI, JP
[71] KOMATSU LTD., JP
[85] 2016-02-29
[86] 2015-10-30 (PCT/JP2015/080845)
[87] (2922128)

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[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01)**
[25] EN
[54] **GLOBALLY SCALABLE SOLUTION**
[54] **SOLUTION POUVANT ETRE MISE A L'ECHELLE MONDIALEMENT**
[72] PAI, YOGISH, US
[72] GOYETTE, STEVE GEORGE, US
[72] MACMARTIN, ROBERT BRUCE, US
[72] KADABA, BHARATH, US
[72] HARI, NARAYANA, US
[72] SAIMANI, JAYANTH, IN
[72] VERMA, ANSHU, IN
[72] SHARMA, ANIL, IN
[72] ASWATH, KIRAN, IN
[72] KURIAN, MERRIN, IN
[71] INTUIT INC., US
[85] 2016-11-18
[86] 2015-11-30 (PCT/US2015/062892)
[87] (2948942)
[30] IN (1126/KOL/2015) 2015-10-30

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[13] A1
[51] **Int.Cl. A23P 30/10 (2016.01) A23G 1/20 (2006.01) A23G 1/22 (2006.01) B65D 75/00 (2006.01)**
[25] EN
[54] **PROCESSING A FOODSTUFF**
[54] **TRAITEMENT D'UN PRODUIT ALIMENTAIRE**
[72] MCLEOD, EMMA, GB
[72] MOISE, LUCIAN, GB
[72] ANDREWS, RICHARD, GB
[71] KRAFT FOODS R&D, INC., US
[85] 2016-11-14
[86] 2015-09-14 (PCT/IB2015/057047)
[87] (WO2016/046691)
[30] GB (1416962.7) 2014-09-25

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 31/485 (2006.01) A61P 25/36 (2006.01) B65D 83/14 (2006.01)**
[25] EN
[54] **NASAL DRUG PRODUCTS AND METHODS OF THEIR USE**
[54] **PRODUITS DE MEDICAMENT ADMINISTRE PAR VOIE NASALE ET METHODES D'UTILISATION ASSOCIEES**
[72] KEEGAN, FINTAN, IE
[72] BELL, ROBERT GERARD, US
[72] CRYSTAL, ROGER, US
[72] WEISS, MICHAEL BRENNER, US
[71] ADAPT PHARMA LIMITED, IE
[71] OPIANT PHARMACEUTICALS, US
[85] 2016-12-06
[86] 2016-09-16 (PCT/US2016/052280)
[87] (2950687)
[30] US (62/219,955) 2015-09-17
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[13] A1
[51] **Int.Cl. E04B 2/96 (2006.01) E04B 2/88 (2006.01)**
[25] EN
[54] **CURTAIN WALL MULLIONS, TRANSOMS AND SYSTEMS**
[54] **MENEAUX, TRAVERSES ET SYSTEMES MURAUX DE RIDEAU**
[72] FREDERICK, TODD, US
[71] FREMARQ INNOVATIONS, INC., US
[85] 2016-12-07
[86] 2016-11-04 (PCT/US2016/060560)
[87] (2950781)
[30] US (14/932,631) 2015-11-04

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[13] A1
[51] **Int.Cl. C12Q 1/18 (2006.01) A61K 49/00 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **BIOAVAILABILITY OF METAL IONS**
[54] **BIODISPONIBILITE D'IONS METALLIQUES**
[72] SCHAEFFER-KORBYLO, LYNDSAY, US
[72] WON, BETTY, US
[72] MALONEY, VENDA, US
[72] SZEWCZYK, GREGORY, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2016-12-05
[86] 2014-09-24 (PCT/US2014/057249)
[87] (WO2016/048304)

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[13] A1
[51] **Int.Cl. A61F 9/06 (2006.01)**
[25] EN
[54] **PROTECTIVE HEADWEAR WITH AIRFLOW**
[54] **CASQUE DE PROTECTION AVEC CIRCULATION D'AIR**
[72] GARDNER, WILLIAM P., US
[72] PATEL, NISHANK R., US
[72] SOMMERS, ERIC T., US
[72] MEHNERT, JOHN C., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-12-09
[86] 2015-06-13 (PCT/US2015/035714)
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[30] US (62/012,509) 2014-06-16
[30] US (14/737,032) 2015-06-11

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[13] A1
[51] **Int.Cl. B81B 1/00 (2006.01) A45D 34/00 (2006.01) A61L 9/14 (2006.01) B41J 2/00 (2006.01) B41J 21/00 (2006.01) B41M 3/00 (2006.01)**
[25] EN
[54] **MICROFLUIDIC DELIVERY SYSTEM FOR RELEASING FLUID COMPOSITIONS**
[54] **SYSTEME DE DISTRIBUTION MICROFLUIDIQUE POUR LIBERATION DE COMPOSITIONS FLUIDES**
[72] GRUENBACHER, DANA PAUL, US
[72] HUNT, DAVID S., US
[72] SCHEFFELIN, JOSEPH EDWARD, US
[72] HOEKSTRA, TIMOTHY JAMES, US
[72] DODD, SIMON, US
[72] BRIOSCHI, ROBERTO, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-12-05
[86] 2015-06-19 (PCT/US2015/036546)
[87] (WO2015/195992)
[30] US (14/310,401) 2014-06-20

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[13] A1
[51] **Int.Cl. A61F 5/34 (2006.01) A61H 23/04 (2006.01)**
[25] EN
[54] **COMPRESSION GARMENT INFLATION**
[54] **GONFLAGE DE VETEMENT DE COMPRESSION**
[72] DENSON, JESSE, US
[72] WUDYKA, SCOTT, US
[71] COVIDIEN LP, US
[85] 2016-12-22
[86] 2015-06-19 (PCT/US2015/036558)
[87] (WO2016/003668)
[30] US (14/318,734) 2014-06-30

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[13] A1
[51] **Int.Cl. A61K 47/02 (2006.01) A61K 9/08 (2006.01) A61K 31/473 (2006.01) A61P 7/00 (2006.01) A61P 25/16 (2006.01)**
[25] EN
[54] **COMPOSITION CONTAINING APOMORPHINE AND A DIVALENT METAL CATION**
[54] **COMPOSITION CONTENANT DE L'APOMORPHINE ET UN CATION METALLIQUE DIVALENT**
[72] LEADER, IAN PHILIP, GB
[71] BRITANNIA PHARMACEUTICALS LIMITED, GB
[85] 2017-01-04
[86] 2015-07-31 (PCT/EP2015/001577)
[87] (WO2016/015875)
[30] EP (14002689.9) 2014-08-01

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[13] A1
[51] **Int.Cl. G01N 1/40 (2006.01) C12M 1/00 (2006.01) G01N 1/34 (2006.01)**
[25] EN
[54] **DEVICE FOR THE FRACTIONATION OF OBJECTS AND FRACTIONATION METHOD**
[54] **DISPOSITIF DE FRACTIONNEMENT D'OBJETS ET PROCEDE DE FRACTIONNEMENT**
[72] DI VENERE, MARTINA, IT
[71] STEM SEL S.R.L., IT
[85] 2017-02-14
[86] 2015-08-14 (PCT/IB2015/056195)
[87] (WO2016/027204)
[30] IT (VI2014A000214) 2014-08-20

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[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **FACTOR H POTENTIATING ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS DE POTENTIALISATION DU FACTEUR H ET UTILISATIONS ASSOCIEES**
[72] KUIJPERS, TACO WILLEM, NL
[72] WOUTERS, DIANA, NL
[72] BROUWER, MARIA CLARA, NL
[72] POUW, RICHARD BENJAMIN, NL
[71] STICHTING SANQUIN BLOEDVOORZIENING, NL
[85] 2017-02-17
[86] 2015-08-20 (PCT/NL2015/050584)
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[30] EP (14181631.4) 2014-08-20

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/00 (2016.01) A61B 90/30 (2016.01) A61B 1/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SCOPE BASED DEPTH MAP ACQUISITION**
[54] **SYSTEME ET METHODE D'ACQUISITION DE CARTE EN PROFONDEUR FONDEE SUR LA PORTEE**
[72] ABHARI, KAMYAR, CA
[72] SELA, GAL, CA
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] HYNNA, KAI MICHAEL, CA
[72] LEE, TAMMY KEE-WAI, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-02-23
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[87] (2958766)

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[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **VACCINE**
[54] **VACCIN**
[72] KHANNA, NAVIN, IN
[72] RAMASAMY, VISWANATHAN, IN
[71] INTERNATIONAL CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY, IN
[85] 2017-02-24
[86] 2015-08-21 (PCT/IB2015/056352)
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[30] IN (2478/DEL/2014) 2014-09-01

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[13] A1
[51] **Int.Cl. A61K 8/30 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **ANTIPERSPIRANT AND DEODORANT COMPOSITIONS COMPRISING MALODOR REDUCTION COMPOSITIONS**
[54] **COMPOSITIONS ANTITRANSPIRANTES ET DESODORISANTES COMPRENANT DES COMPOSITIONS DE REDUCTION DES MAUVAISES ODEURS**
[72] CETTI, JONATHAN ROBERT, US
[72] FRANKENBACH, GAYLE MARIE, US
[72] HORENZIAK, STEVEN ANTHONY, US
[72] HOLLINGSHEAD, JUDITH ANN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-02-24
[86] 2015-09-25 (PCT/US2015/052092)
[87] (WO2016/049396)
[30] US (62/055,844) 2014-09-26
[30] US (62/143,862) 2015-04-07

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[13] A1
[51] **Int.Cl. G05D 1/00 (2006.01) G01M 99/00 (2011.01) A63H 30/04 (2006.01) G06T 11/60 (2006.01)**
[25] EN
[54] **INSPECTION VEHICLE CONTROL DEVICE, CONTROL METHOD, AND COMPUTER PROGRAM**
[54] **DISPOSITIF DE COMMANDE DE VEHICULE D'INSPECTION, PROCEDE DE COMMANDE, ET PROGRAMME INFORMATIQUE**
[72] SABE, KOHTARO, JP
[72] DUERR, PETER, JP
[71] SONY CORPORATION, JP
[85] 2017-02-27
[86] 2015-10-09 (PCT/JP2015/005142)
[87] (WO2016/059785)
[30] JP (2014-212953) 2014-10-17

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[13] A1
[51] **Int.Cl. A61L 9/01 (2006.01) C11B 9/00 (2006.01) C11D 3/16 (2006.01) C11D 7/22 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **CLEANING AND/OR TREATMENT COMPOSITIONS COMPRISING MALODOR REDUCTION COMPOSITIONS**
[54] **COMPOSITIONS DE NETTOYAGE ET/OU DE TRAITEMENT COMPORTANT DES COMPOSITIONS DE REDUCTION DE MAUVAISES ODEURS**
[72] FRANKENBACH, GAYLE MARIE, US
[72] HOLLINGSHEAD, JUDITH ANN, US
[72] HORENZIAK, STEVEN ANTHONY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-02-27
[86] 2015-09-25 (PCT/US2015/052089)
[87] (WO2016/049394)
[30] US (62/055,844) 2014-09-26
[30] US (62/143,862) 2015-04-07

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[13] A1
[51] **Int.Cl. G02B 23/00 (2006.01) G02B 27/01 (2006.01) G02F 1/13357 (2006.01)**
[25] FR
[54] **LIGHT-EMITTING DIODE LIGHTING DEVICE COMPRISING A LIGHT GUIDE AND A LIGHT COMPATIBLE WITH THE USE OF NIGHT VISION BINOCULARS**
[54] **DISPOSITIF D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES COMPORTANT UN GUIDE DE LUMIERE ET UN ECLAIRAGE COMPATIBLE DE L'UTILISATION DE JUMELLES DE VISION NOCTURNE**
[72] PETITDEMANGE, ARNAUD, FR
[72] PELLETIER, SEBASTIEN, FR
[72] LUX, JOHANNA, FR
[72] MOZER, LAURENT, FR
[71] THALES, FR
[85] 2017-02-28
[86] 2015-08-14 (PCT/EP2015/068786)
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[30] FR (1401927) 2014-08-29

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[13] A1
[51] **Int.Cl. A61F 9/01 (2006.01) C11B 9/00 (2006.01)**
[25] EN
[54] **SUBSTRATES COMPRISING MALODOR REDUCTION COMPOSITIONS**
[54] **SUBSTRATS CONTENANT DES COMPOSITIONS REDUISANT LES MAUVAISES ODEURS**
[72] FRANKENBACH, GAYLE MARIE, US
[72] HOLLINGSHEAD, JUDITH ANN, US
[72] HORENZIAK, STEVEN ANTHONY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-02-28
[86] 2015-09-25 (PCT/US2015/052119)
[87] (WO2016/049404)
[30] US (62/055,844) 2014-09-26
[30] US (62/143,862) 2015-04-07

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[13] A1
[51] **Int.Cl. A47L 13/50 (2006.01) G02B 27/01 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **DEVICE FOR SIMPLIFYING THE CLEANING OF SURFACES AND METHOD FOR RECORDING THE CLEANING JOBS PERFORMED**
[54] **DISPOSITIF ET PROCEDE DE DETECTION DE TRAVAUX DE NETTOYAGE EFFECTUES**
[72] CUDZILO, MARTIN, DE
[71] CUDZILO, MARTIN, DE
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[25] EN
[54] **APPARATUS AND METHOD FOR DISPENSING A WASH SOLUTION FOR CONVEYING THE SAME INTO A WASHING DEVICE, CAR WASH FACILITY AND PROGRAM MEDIA**
[54] **APPAREIL ET PROCEDE DE DISTRIBUTION D'UNE SOLUTION DE LAVAGE POUR L'ACHEMINER DANS UN DISPOSITIF DE LAVAGE, INSTALLATION DE LAVAGE DE VOITURES ET SUPPORT DE PROGRAMME**
[72] MAKINEN, ESA, FI
[72] ROINE, JUHO, FI
[72] AJO, JUKKA, FI
[71] PINELINE OY, FI
[85] 2017-03-03
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[25] FR
[54] **TWO-WAY ARCHITECTURE WITH REDUNDANT CCDL'S**
[54] **ARCHITECTURE BI-VOIES AVEC LIAISONS CCDL REDONDANTES**
[72] LIU, CELINE, FR
[72] MARTI, NICOLAS, FR
[72] LANGFORD, STEPHEN, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
[71] SAFRAN HELICOPTER ENGINES, FR
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[54] **TWO-WAY ARCHITECTURE**
[54] **ARCHITECTURE BI-VOIES**
[72] LIU, CELINE, FR
[72] MARTI, NICOLAS, FR
[72] LANGFORD, STEPHEN, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
[71] SAFRAN HELICOPTER ENGINES, FR
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[25] EN
[54] **A CONSUMER GOODS PRODUCT COMPRISING CHITIN, LIGNIN AND A POLYMER OR CO-POLYMER**
[54] **PRODUIT DE CONSOMMATION CONTENANT DE LA CHITINE, DE LA LIGNINE ET UN POLYMERE OU UN CO-POLYMERE**
[72] MASSEY-BROOKER, ANJU, GB
[72] VACCARO, MAURO, GB
[72] SCIALLA, STEFANO, IT
[72] WALKER, STEPHEN, GB
[72] MORGANTI, PIEREFRANCESCO, IT
[72] CAREZZI, FRANCESCO, IT
[72] BENJELLOUN-MLAYAH, BOUCHRA, FR
[72] CRESTINI, CLAUDIA, IT
[72] LANGE, HEIKO, IT
[72] BARTZOKA, ELISAVET, IT
[71] PROCTER & GAMBLE INTERNATIONAL OPERATIONS SA, CH
[71] MAVI SUD S.R.L, IT
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[25] EN
[54] **INSTALLATION AND METHOD FOR REPACKAGING DIFFERENT MEDICINES FROM THEIR RESPECTIVE ORIGINAL BLISTER PACKS INTO ORGANISER BLISTER PACKS**
[54] **INSTALLATION ET METHODES DE RECONDITIONNEMENT DE DIFFERENTS MEDICAMENTS DE LEURS EMBALLAGES-COQUES ORIGINAUX DANS DES EMBALLAGES-COQUES DE PILULIER**
[72] KOHL, EDWIN, DE
[71] KOHL, EDWIN, DE
[85] 2017-03-06
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[54] **COMPOSITIONS RAFRAICHISSANTES ET DISPOSITIFS COMPRENANT CELLES-CI**
[72] FRANKENBACH, GAYLE MARIE, US
[72] HOLLINGSHEAD, JUDITH ANN, US
[72] HORENZIAK, STEVEN ANTHONY, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **ON-LINE WET CHEMISTRY ANALYZER**
[54] **ANALYSEUR DE CHIMIE HUMIDE EN LIGNE**
[72] BUTCHER, BRADLEY A., US
[72] NGUYEN, HOANG MINH, US
[72] FENG, CHANG-DONG, US
[71] ROSEMOUNT ANALYTICAL INC., US
[85] 2017-03-07
[86] 2015-09-11 (PCT/US2015/049732)
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[25] EN
[54] **SKIN CARE PRODUCTS**
[54] **PRODUITS DE SOINS DE PEAU**
[72] MCILDOWIE, MATTHEW JAMES, AU
[72] EDWARDS, JEFFREY DAVID, AU
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-03-07
[86] 2015-09-17 (PCT/US2015/050645)
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[51] **Int.Cl. A61K 9/14 (2006.01) A61J 3/02 (2006.01)**
[25] EN
[54] **FORMULATION COMPRISING GLYCOPYRROLATE, METHOD AND APPARATUS**
[54] **FORMULATION COMPRENANT DU GLYCOPYRROLATE, PROCEDE ET APPAREIL**
[72] MANFORD, FERGUS, GB
[71] VECTURA LIMITED, GB
[85] 2017-03-08
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[25] EN
[54] **RAIL MEMBER AND RAIL SYSTEM**
[54] **ELEMENT DE RAIL ET SYSTEME DE RAIL**
[72] BYGRAVE, PETER NATHAN, GB
[71] GANTRY RAILING LTD, GB
[85] 2017-03-09
[86] 2015-09-15 (PCT/GB2015/052669)
[87] (WO2016/042314)
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[51] **Int.Cl. G05D 1/02 (2006.01) A63G 25/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING THE TRANSPORTATION OF VEHICLES**
[54] **SYSTEMES ET PROCEDES POUR COMMANDER LE TRANSPORT DE VEHICULES**
[72] KAWASH, SAMEER, US
[72] KIDDOO, MICHAEL R., US
[72] PARR, ERIC, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2017-03-09
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[54] **MIRROR HAVING AN IMPROVED DURABILITY**
[54] **MIROIR A DURABILITE AMELIOREE**
[72] LEQUIPPE, GUILLAUME, FR
[72] RACHET, VINCENT, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[86] 2015-09-14 (PCT/FR2015/052452)
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[25] EN
[54] **TOUGHENING OF EPOXY THERMOSETS**
[54] **RENFORCEMENT DE THERMODURCISSABLES EPOXYDE**
[72] PALMESE, GIUSEPPE R., US
[72] HU, FENGSHUO, US
[72] GENG, XING, US
[72] LA SCALA, JOHN J., US
[71] DREXEL UNIVERSITY, US
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[25] EN
[54] **AIRCRAFT BRAKE ASSEMBLY STRUCTURES FOR REDUCING NOISE**
[54] **STRUCTURES D'ENSEMBLE FREIN D'AVION PERMETTANT DE REDUIRE LE BRUIT**
[72] HILL, JAMES L., US
[72] SUPONCIC, MICHAEL J., US
[72] CLASON, JAMIE B., US
[72] EPLIN, MATTHEW E., US
[72] ECCLES, MICHAEL B., GB
[72] HALL, JOHN M., US
[72] BURKHALTER, KURT, US
[72] DYKO, MARK P., US
[72] GLAZNIEKS, DENE W., GB
[72] FEHR, DANA J., US
[71] MEGGITT AIRCRAFT BRAKING SYSTEMS, US
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[25] EN
[54] **SURFACE-REACTED CALCIUM CARBONATE FOR USE AS ANTI-CAKING AGENT**
[54] **CARBONATE DE CALCIUM AYANT REAGI EN SURFACE UTILISABLE EN TANT QU'AGENT ANTI-AGGLOMERANT**
[72] BUDDE, TANJA, CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2017-03-09
[86] 2015-09-17 (PCT/EP2015/071307)
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[25] EN
[54] **METHOD FOR CONTINUOUSLY MAKING KETTLE STYLE POTATO CHIPS**
[54] **PROCEDE POUR FABRIQUER EN CONTINU DES CHIPS DE POMME DE TERRE DE FABRICATION ARTISANALE**
[72] BAAS, IAN, AU
[72] BARRY, DAVID LAWRENCE, US
[71] FRITO-LAY NORTH AMERICA, INC., US
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[25] EN
[54] **ANTIMICROBIAL COMPOSITIONS AND METHODS OF THEIR USE**
[54] **COMPOSITIONS ANTIMICROBIENNES ET LEURS PROCEDES D'UTILISATION**
[72] DAUTREUIL, FRANCIS, US
[72] SHAPIRA, RON, US
[72] MECCIA, JOHN, US
[72] HYATT, SETH, US
[71] CMS TECHNOLOGY, INC., US
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[25] FR
[54] **BIMODE IMAGE ACQUISITION DEVICE WITH PHOTOCATHODE**
[54] **DISPOSITIF D'ACQUISITION D'IMAGES BIMODE A PHOTOCATHODE**
[72] LETEXIER, DAMIEN, FR
[72] ROBERT, FRANCK, FR
[72] DELTEL, GEOFFROY, FR
[71] PHOTONIS FRANCE, FR
[85] 2017-03-13
[86] 2015-09-22 (PCT/EP2015/071789)
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[25] EN
[54] **ENZYMATIC PROCESSING PLANT AND METHOD OF ENZYMATIC PROCESSING**
[54] **INSTALLATION DE TRAITEMENT ENZYMATIQUE ET PROCEDE DE TRAITEMENT ENZYMATIQUE**
[72] DJUPEVAG, OLAV ASLE, NO
[72] FRANTZEN, TORSTEIN, NO
[71] ALKYMAR AS, NO
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[25] EN
[54] **FLOW-RATE DYNAMIC BALANCING CONTROL VALVE**
[54] **VANNE DE REGULATION A EQUILIBRAGE DYNAMIQUE DU DEBIT**
[72] BRUSIN, MARCO ROSA, IT
[72] ALBERGANTI, GIACOMO, IT
[72] ARRUS, PAOLO, IT
[72] ZOPPIS, CESARE, IT
[72] TORREGGIANI, ROBERTO, IT
[71] GIACOMINI S.P.A., IT
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[25] EN
[54] **METHOD AND APPARATUS FOR SENSING A CONDITION IN A TRANSMISSION MEDIUM OF ELECTROMAGNETIC WAVES**
[54] **PROCEDE ET APPAREIL DE DETECTION D'ETAT DANS UN SUPPORT DE TRANSMISSION D'ONDES ELECTROMAGNETIQUES**
[72] FUCHS, MITCHELL HARVEY, US
[72] GERSZBERG, IRWIN, US
[71] AT&T INTELLECTUAL PROPERTY I, LP, US
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[25] EN
[54] **DISCOVERY OF NETWORK ADDRESS ALLOCATIONS AND TRANSLATIONS IN WIRELESS COMMUNICATION SYSTEMS**
[54] **DECOUVERTE D'AFFECTATIONS ET DE TRADUCTIONS D'ADRESSE RESEAU DANS DES SYSTEMES DE COMMUNICATION SANS FIL**
[72] HIRSCHMAN, CHARLES BRENT, US
[72] BERTZ, LYLE T., US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2017-03-13
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[25] EN
[54] **SELF-CALIBRATING CONTACTLESS POWER CONSUMPTION SENSING**
[54] **DETECTION DE CONSOMMATION D'ENERGIE SANS CONTACT A ETALONNAGE AUTOMATIQUE**
[72] PATEL, SHWETAK N., US
[72] GUPTA, SIDHANT, US
[72] REYNOLDS, MATTHEW S., US
[71] BELKIN INTERNATIONAL, INC., US
[85] 2017-03-13
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[54] **METHOD AND SYSTEM FOR ACQUISITION OF SEISMIC DATA**
[54] **PROCEDE ET SYSTEME D'ACQUISITION DE DONNEES SISMIQUES**
[72] HORNMAN, JOHAN CORNELIS, NL
[72] WILLS, PETER BERKELEY, US
[72] LOPEZ, JORGE LUIS, US
[72] MATEEVA, ALBENA ALEXANDROVA, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[51] **Int.Cl. G10K 11/178 (2006.01) H02K 5/24 (2006.01)**
[25] EN
[54] **VEHICLE NOISE CONTROL AND COMMUNICATION**
[54] **REGULATION DE BRUIT DE VEHICULE, ET COMMUNICATION**
[72] BECKMAN, BRIAN C., US
[71] AMAZON TECHNOLOGIES, INC., US
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[25] EN
[54] **AMINOPYRIDYLOXYPYRAZOLE COMPOUNDS**
[54] **COMPOSES D'AMINOPYRIDYLOXYPYRAZOLE**
[72] BEIGHT, DOUGLAS W., US
[72] COATES, DAVID A., US
[72] JOSEPH, SAJAN, US
[72] MCMILLEN, WILLIAM T., US
[72] PARTHASARATHY, SARAVANAN, US
[72] PEI, HUAXING, US
[72] SAWYER, JASON SCOTT, US
[72] WOLFANGEL, CRAIG D., US
[72] ZHAO, GAIYING, US
[71] ELI LILLY AND COMPANY, US
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[30] US (62/060,724) 2014-10-07

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[25] EN
[54] **GENETIC TESTING FOR PREDICTING RESISTANCE OF KLEBSIELLA SPECIES AGAINST ANTIMICROBIAL AGENTS**
[54] **TEST GENETIQUE DE PREDICTION DE LA RESISTANCE DE L'ESPECE KLEBSIELLA A DES AGENTS ANTIMICROBIENS**
[72] KELLER, ANDREAS, DE
[72] SCHMOLKE, SUSANNE, DE
[72] STAHLER, CORD FRIEDRICH, DE
[72] BACKES, CHRISTINA, DE
[71] CURETIS GMBH, DE
[85] 2017-03-14
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[25] EN
[54] **CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE**
[72] DE GEYTER, NICOLAS, BE
[71] ASTROBOT, BE
[85] 2017-03-14
[86] 2015-09-15 (PCT/IB2015/001628)
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[54] **PINCE DE CORDEAU DETONANT**
[72] UPCHURCH, DAVID E., US
[72] NOE, PAUL E., US
[72] POTTER, BENJAMIN O., US
[72] CLAY, MATTHEW C., US
[72] PRATT, DAN W., US
[71] OWEN OIL TOOLS LP, US
[85] 2017-03-14
[86] 2015-09-30 (PCT/US2015/053214)
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[30] US (62/058,487) 2014-10-01
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[51] **Int.Cl. H01F 27/02 (2006.01) F41H 5/24 (2006.01)**
[25] EN
[54] **BULLET-RESISTANT ELECTRICAL INSTALLATION**
[54] **INSTALLATION ELECTRIQUE RESISTANT AUX TIRS**
[72] LEBER, GERALD, AT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. G10L 13/04 (2013.01)**
[25] EN
[54] **SPEECH SYNTHESIS FROM DETECTED SPEECH ARTICULATOR MOVEMENT**
[54] **SYNTHESE VOCALE A PARTIR D'UN MOUVEMENT D'ARTICULATEUR VOCAL DETECTE**
[72] GREEN, PHILIP DUNCAN, GB
[72] MOORE, ROGER KENNETH, GB
[72] GILBERT, JAMES MICHAEL, GB
[72] LOPEZ, JOSE ANDRES GONZALEZ, GB
[71] THE UNIVERSITY OF HULL, GB
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[54] **EFFERVESCENT COMPOSITION AND METHOD OF MAKING IT**
[54] **COMPOSITION EFFERVESCENTE ET SON PROCEDE DE FABRICATION**
[72] PADMANABHAN, BABU, IN
[72] SHETTY, RAKSHIT, IN
[72] KULKARNI, VIJAY, IN
[72] SEN, HIMADRI, IN
[72] BHUSHAN, INDU, IN
[71] STEERLIFE INDIA PRIVATE LIMITED, IN
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[25] FR
[54] **METHOD OF MANUFACTURING A LEADING EDGE SHIELD**
[54] **PROCEDE DE FABRICATION DE BOUCLIER DE BORD D'ATTAQUE**
[72] KLEIN, GILLES CHARLES CASIMIR, FR
[72] FRANCHET, JEAN-MICHEL PATRICK MAURICE, FR
[72] MAGNAUDEIX, DOMINIQUE MICHEL SERGE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[25] FR
[54] **DEVICE FOR REAL-TIME IN VIVO MOLECULAR ANALYSIS**
[54] **DISPOSITIF D'ANALYSE MOLECULAIRE IN VIVO EN TEMPS REEL**
[72] SALZET, MICHEL, FR
[72] FOURNIER, ISABELLE, FR
[72] FOCSA, CRISTIAN, FR
[72] ZISKIND, MICHAEL, FR
[72] FATOU, BENOIT, FR
[72] WISZTORSKI, MAXENCE, FR
[71] UNIVERSITE DES SCIENCES ET TECHNOLOGIES DE LILLE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **GATE VALVE**
[54] **ROBINET-VANNE**
[72] FRYE, MATTHEW RICHARD, US
[72] FECHO, RICHARD J., US
[71] PARKER-HANNIFIN CORPORATION, US
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[25] EN
[54] **COMPOSITIONS COMPRISING RECOMBINANT BACILLUS CELLS AND A FUNGICIDE**
[54] **COMPOSITIONS COMPRENANT DES CELLULES DE BACILLUS RECOMBINANTES ET UN FONGICIDE**
[72] CURTIS, DAMIAN, US
[72] THOMPSON, BRIAN, US
[71] BAYER CROPSCIENCE LP, US
[85] 2017-03-15
[86] 2015-09-17 (PCT/US2015/050597)
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[25] EN
[54] **POLYMER IMPREGNATED BACKING MATERIAL, ABRASIVE ARTICLES INCORPORATING SAME, AND PROCESSES OF MAKING AND USING**
[54] **MATERIAU DE RENFORT IMPREGNE DE POLYMERE, PARTICULES ABRASIVES L'INCORPORANT, ET PROCEDES DE REALISATION ET D'UTILISATION**
[72] SHARMILA, MUTHUKRISHNAN, IN
[72] SATHYANARAYANAIAH, ADISESHAIAH K., IN
[72] CSILLAG, FRANK J., US
[72] GOLLAPUDI, SRIKANT, IN
[72] BALASUBRAMANIAM, GURURAJAN, IN
[72] MANJUNATHA, DIBBUR NARASIMHA MURTHY RAO, IN
[72] SASIDHARAN, AKHILESAN, IN
[72] RAMESH, AKSHAY, IN
[72] KOMATH, SHYAM PRASAD, IN
[72] NAVEEN, VELLIAMKATTUPUDUR SAMIAPPAN, IN
[71] SAINT-GOBAIN ABRASIVES, INC., US
[71] SAINT-GOBAIN ABRASIFS, FR
[85] 2017-03-15
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[54] **HAND OPERATED AUXILIARY DRIVE AND RETARD TORQUE CONTROL**
[54] **COMMANDE DE COUPLE D'ENTRAINEMENT ET DE RALENTISSEMENT AUXILIAIRE ACTIONNEE A LA MAIN**
[72] CHANG, YIDAN, CA
[71] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
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[25] FR
[54] **COOKING VESSEL COMPRISING A PARTIALLY COATED STAINLESS STEEL INNER SURFACE, AND METHOD FOR PRODUCING SAME**
[54] **RECIPIENT DE CUISSON COMPORTANT UNE FACE INTERIEURE EN ACIER INOXYDABLE PARTIELLEMENT REVETUE, ET PROCEDE D'OBTENTION**
[72] ALLEMAND, SIMON, FR
[71] SEB S.A., FR
[85] 2017-03-16
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[54] **TRENCH WALL SUPPORT**
[54] **SUPPORT DE PAROI DE TRANCHEE**
[72] WOOD, GLENN ROY, GB
[72] WOOD, OLIVER GLENN, GB
[71] EZE SHORING (HALIFAX) LIMITED, GB
[85] 2017-03-16
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[51] **Int.Cl. F16H 7/18 (2006.01) F16H 7/02 (2006.01)**
[25] EN
[54] **BELT DRIVE WITH COMPRESSION SPAN**
[54] **ENTRAINEMENT A COURROIE AVEC PORTEE DE COMPRESSION**
[72] YUAN, JING, US
[71] GATES CORPORATION, US
[85] 2017-03-16
[86] 2015-08-07 (PCT/US2015/044234)
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[25] EN
[54] **NONAQUEOUS ELECTROLYTE COMPOSITIONS**
[54] **COMPOSITIONS ELECTROLYTIQUES NON AQUEUSES**
[72] BURKHARDT, STEPHEN E., US
[72] KOURTAKIS, KOSTANTINOS, US
[72] ROELOFS, MARK GERRIT, US
[72] DUBOIS, CHARLES J., US
[71] SOLVAY SA, BE
[85] 2017-03-16
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[25] EN
[54] **FORMULATION**
[54] **FORMULATION**
[72] BREKKE, STIAN, NO
[72] KARLSEN, MARIUS, NO
[72] GRONGSTAD, MARI SKURDAL, NO
[72] ANDERSEN, RACHMILLA SOUHOKA, NO
[72] LOKLING, KNUT-EGIL, NO
[72] AKSNES, ELIN, NO
[71] PHARMAQ AS, NO
[85] 2017-03-16
[86] 2015-09-18 (PCT/EP2015/071505)
[87] (WO2016/042154)
[30] GB (1416633.4) 2014-09-19
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[54] **SYSTEM AND METHOD FOR WELDING TORCH DISPLAY**
[54] **SYSTEME ET PROCEDE POUR AFFICHAGE DE CHALUMEAU DE SOUDAGE**
[72] BECKER, WILLIAM JOSHUA, US
[72] WEBER, JEFFREY DALE, US
[72] ERDMANN, JEREMY JOHN, US
[71] ILLINOIS TOOL WORKS INC., US
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[86] 2015-11-02 (PCT/US2015/058569)
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[54] **ELECTROSTATIC FILTRATION OF FINE SOLIDS FROM BITUMEN**
[54] **FILTRATION ELECTROSTATIQUE DE MATIERES SOLIDES FINES A PARTIR DU BITUME**
[72] CULLINANE, J. TIM, US
[72] MINHAS, BHUPENDER S., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-03-16
[86] 2015-09-15 (PCT/US2015/050120)
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[25] EN
[54] **HYDROPHILIC OPEN CELL FOAMS**
[54] **MOUSSES A CELLULES OUVERTES HYDROPHILES**
[72] GUNES, IBRAHIM S., US
[72] COSTA, NELSON R., BR
[72] CARROZZELLA, TONY R., CA
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[25] EN
[54] **ACTIVATED DISINFECTANT HYDROGEN PEROXIDE COMPOSITIONS**
[54] **COMPOSITIONS DESINFECTANTES AU PEROXYDE D'HYDROGENE ACTIVE**
[72] LEI, DEQING, US
[72] SWEENY, PHILIP GERDON, US
[71] LONZA, INC., US
[85] 2017-03-16
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[25] EN
[54] **SUBSTRATE TENSIONING CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE DE MISE EN TENSION DE SUBSTRAT**
[72] GISLER, SCOTT WILLIAM, US
[72] MCNEILL, PHILIP C., US
[72] VERMA, KAUSHAL, US
[71] BECTON, DICKINSON AND COMPANY, US
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[25] EN
[54] **PHASE-CHANGE MATERIALS FROM WAX-BASED COLLOIDAL DISPERSIONS AND THEIR PROCESS OF MAKING**
[54] **MATERIAUX A CHANGEMENT DE PHASE A PARTIR DE DISPERSIONS COLLOIDALES A BASE DE CIRE ET LEUR PROCEDE DE FABRICATION**
[72] AYAMBEM, AMBA, US
[71] HENRY COMPANY, LLC, US
[85] 2017-03-16
[86] 2015-10-30 (PCT/US2015/058261)
[87] (WO2016/070012)
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[25] EN
[54] **PHASE-CHANGE MATERIALS FROM WAX-BASED COLLOIDAL DISPERSIONS AND THEIR PROCESS OF MAKING**
[54] **MATERIAUX A CHANGEMENT DE PHASE OBTENUS A PARTIR DE DISPERSIONS COLLOIDALES A BASE DE CIRE ET LEUR PROCEDE DE FABRICATION**
[72] AYAMBEM, AMBA, US
[71] HENRY COMPANY, LLC, US
[85] 2017-03-16
[86] 2015-12-10 (PCT/US2015/065094)
[87] (WO2016/094719)
[30] US (62/090,505) 2014-12-11

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[54] **COMPOSITION**
[54] **COMPOSITION**
[72] BENCIC, NENAD, HR
[71] XELLIA PHARMACEUTICALS APS, DK
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[51] **Int.Cl. B63B 21/10 (2006.01) B63B 21/18 (2006.01) B63B 21/50 (2006.01)**
[25] FR
[54] **FAIRLEAD INTENDED TO ENGAGE WITH AN ANCHOR CHAIN, FOR A SYSTEM FOR ANCHORING A FLOATING INSTALLATION TO THE GROUND**
[54] **CHAUMARD DESTINE A COOPERER AVEC UNE CHAINE D'ANCRAGE, POUR UN SYSTEME D'ANCRAGE AU SOL D'UNE INSTALLATION FLOTTANTE**
[72] BUSSON, PHILIPPE, FR
[71] NOV-BLM, FR
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[86] 2015-09-18 (PCT/FR2015/052504)
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[51] **Int.Cl. C22C 21/16 (2006.01) C22F 1/057 (2006.01)**
[25] FR
[54] **ISOTROPIC ALUMINIUM-COPPER-LITHIUM ALLOY SHEETS FOR PRODUCING AEROPLANE FUSELAGES**
[54] **TOLES ISOTROPES EN ALLIAGE D'ALUMINIUM-CUIVRE-LITHIUM POUR LA FABRICATION DE FUSELAGES D'AVION**
[72] CHEVY, JULIETTE, FR
[72] BES, BERNARD, FR
[72] EHRSTROM, JEAN-CHRISTOPHE, FR
[72] EBERL, FRANK, FR
[71] CONSTELLIUM ISSOIRE, FR
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[86] 2015-10-01 (PCT/FR2015/052634)
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[25] FR
[54] **SECURITY ELEMENT**
[54] **ELEMENT DE SECURITE**
[72] CAMUS, MICHEL, FR
[72] MACHIZAUD, JACQUES, FR
[71] ARJOWIGGINS SECURITY, FR
[85] 2017-03-16
[86] 2015-09-14 (PCT/EP2015/070947)
[87] (WO2016/041898)
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[51] **Int.Cl. B67D 7/62 (2010.01) A47K 5/12 (2006.01) B05B 11/00 (2006.01) F04B 43/04 (2006.01) F04B 43/09 (2006.01)**
[25] EN
[54] **DISPENSER PUMP USING ELECTRICALLY ACTIVATED MATERIAL**
[54] **POMPE DE DISTRIBUTION UTILISANT UN MATERIAU A ACTIVATION ELECTRIQUE**
[72] CIAVARELLA, NICK ERMANNO, US
[72] PROPER, SCOTT THEODORE, US
[72] YORK, ALEXANDER, US
[72] DUNN, JASON THOMAS, US
[71] GOJO INDUSTRIES, INC., US
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[86] 2015-03-19 (PCT/US2015/021425)
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[30] US (14/489,850) 2014-09-18

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[25] EN
[54] **METHOD AND APPARATUS FOR COMBINED HEAT AND POWER GENERATION**
[54] **PROCEDE ET APPAREIL DE PRODUCTION COMBINEE DE CHALEUR ET D'ELECTRICITE**
[72] RICHARDSON, ADRIAN ROBIN, GB
[72] O'MALLEY, NICHOLAS, GB
[72] BARLOW, LEE CHRISTIAN, GB
[72] KEOWN, WILLIAM JAMES, GB
[71] BRITISH GAS TRADING LIMITED, GB
[85] 2017-03-17
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[30] GB (1416531.0) 2014-09-18

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[51] **Int.Cl. A61K 31/704 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR PREVENTING OR TREATING CERVICAL CANCER INCLUDING GYPENOSIDE LXXV**
[54] **COMPOSITION DESTINEE A PREVENIR OU TRAITER LE CANCER DU COL DE L'UTERUS ET CONTENANT DU GYPENOSIDE LXXV**
[72] CUI, CHANG HAO, KR
[72] IM, WAN TAEK, KR
[72] KIM, SUN CHANG, KR
[71] INTELLIGENT SYNTHETIC BIOLOGY CENTER, KR
[85] 2017-03-17
[86] 2016-06-21 (PCT/KR2016/006565)
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[30] KR (10-2015-0112613) 2015-08-10

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[51] **Int.Cl. H01M 8/2418 (2016.01) H01M 8/1004 (2016.01)**
[25] EN
[54] **STACKLESS FUEL CELL**
[54] **PILE A COMBUSTIBLE SANS EMPILEMENT**
[72] GOULD, BENJAMIN D., US
[72] RODGERS, JOSEPH, US
[72] STROMAN, RICHARD, US
[72] HAZARD, MATTHEW, US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY, US
[85] 2017-03-17
[86] 2015-09-22 (PCT/US2015/051511)
[87] (WO2016/049058)
[30] US (62/054,203) 2014-09-23

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[51] **Int.Cl. B60N 2/06 (2006.01) B60N 2/07 (2006.01) B60N 2/08 (2006.01) B60N 2/02 (2006.01)**
[25] EN
[54] **QUICK ADJUST POWER ADJUSTER**
[54] **DISPOSITIF DE REGLAGE DE PUISSANCE A REGLAGE RAPIDE**
[72] RUNDE, DAVID M., US
[72] DAVIS, JASON, US
[71] MAGNA SEATING INC., CA
[85] 2017-03-17
[86] 2015-09-21 (PCT/US2015/051238)
[87] (WO2016/044841)
[30] US (62/052,638) 2014-09-19
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[51] **Int.Cl. B60N 2/225 (2006.01) F16H 49/00 (2006.01)**
[25] EN
[54] **HARMONIC DRIVE DISC RECLINER FOR AUTOMOTIVE VEHICLE SEAT**
[54] **DISPOSITIF D'INCLINAISON A DISQUE A REDUCTEUR A PLANETAIRE POUR SIEGE DE VEHICULE AUTOMOBILE**
[72] WEI, XIAO JUN, US
[72] ZIMMERMAN, RONALD A. II, US
[71] MAGNA SEATING INC., CA
[85] 2017-03-17
[86] 2015-09-18 (PCT/US2015/050973)
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[30] US (62/052,633) 2014-09-19

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[25] EN
[54] **SYSTEM AND METHOD OF REVIEWING WELD DATA**
[54] **SYSTEME ET PROCEDE DE VERIFICATION DE DONNEES DE SOUDAGE**
[72] BECKER, WILLIAM JOSHUA, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-17
[86] 2015-11-02 (PCT/US2015/058666)
[87] (WO2016/073373)
[30] US (62/075,718) 2014-11-05
[30] US (14/928,713) 2015-10-30

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[51] **Int.Cl. A61K 33/42 (2006.01) A61K 9/08 (2006.01) A61K 33/06 (2006.01) A61K 33/10 (2006.01) A61P 7/08 (2006.01)**
[25] EN
[54] **DIALYSIS SOLUTION**
[54] **SOLUTION DE DIALYSE**
[72] HUPPERT, JOCHEN, DE
[72] MATHIS, PASCAL, DE
[72] BERLICH, ROBERT, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[25] EN
[54] **HERBICIDAL PYRIDINO-/PYRIMIDINO-THIAZOLES**
[54] **PYRIDINO/PYRIMIDINO-THIAZOLES HERBICIDES**
[72] CARTER, NEIL BRIAN, GB
[72] ELLIOTT, ALISON CLARE, GB
[72] MCCORMACK, DEREK, GB
[72] MCLACHLAN, MATTHEW MURDOCH WOODHEAD, GB
[72] SEVILLE, ANNE MARY, GB
[72] WEBBER, MATTHEW JOHN, GB
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2017-03-20
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[51] **Int.Cl. B32B 27/08 (2006.01) B32B 27/40 (2006.01) B32B 37/00 (2006.01)**
[25] EN
[54] **COMPONENT COMPOSED AT LEAST TO SOME EXTENT OF A LAYER STRUCTURE AND PROCESS FOR PRODUCTION THEREOF**
[54] **ELEMENT CONSTITUE AU MOINS EN PARTIE D'UNE STRUCTURE STRATIFIEE ET PROCEDE POUR SA PRODUCTION**
[72] REDL, FRANZ XAVER, DE
[72] LEBERFINGER, MARCUS, DE
[72] PROZESKE, TIMO, DE
[72] WERTHER, SONJA, DE
[72] KERLFELD, CHRISTINE, DE
[71] BASF SE, DE
[85] 2017-03-20
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[25] EN
[54] **TRANSPARENT CONDUCTIVE LAYER, A FILM COMPRISING THE LAYER, AND A PROCESS FOR ITS PRODUCTION**
[54] **COUCHE CONDUCTRICE TRANSPARENTE, FILM COMPRENANT LA COUCHE ET PROCEDE POUR SA PRODUCTION**
[72] ZHANG, RUI RACHEL, US
[72] KHANARIAN, GARO, US
[72] DIETSCH, HERVE, DE
[72] KUHNER, ANDREAS, DE
[71] BASF SE, DE
[85] 2017-03-20
[86] 2015-09-17 (PCT/EP2015/071350)
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[25] EN
[54] **CATHODIC CORROSION PROTECTION**
[54] **PROTECTION CONTRE LA CORROSION CATHODIQUE**
[72] SIMPSON, DAVID, GB
[72] SERGI, GEORGE, GB
[72] RATHOD, TEJAL, GB
[72] WHITMORE, DAVID, CA
[71] VECTOR CORROSION TECHNOLOGIES LTD, CA
[85] 2017-03-23
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[51] **Int.Cl. B62K 21/00 (2006.01) B62K 5/05 (2013.01) B62K 21/22 (2006.01)**
[25] EN
[54] **A VEHICLE WITH A SLOPING STEERING COLUMN**
[54] **VEHICULE A COLONNE DE DIRECTION INCLINEE**
[72] LEMAITRE, BENOIT, FR
[71] DECATHLON, FR
[85] 2017-03-20
[86] 2015-09-17 (PCT/FR2015/052493)
[87] (WO2016/046475)
[30] FR (1458938) 2014-09-23

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[51] **Int.Cl. H01M 2/02 (2006.01) B64D 41/00 (2006.01) H01M 8/04 (2016.01)**
[25] FR
[54] **SECURE FUEL CELL SYSTEM**
[54] **SYSTEME AMELIORE DE PILE A COMBUSTIBLE SECURISEE**
[72] BOUDJEMAA, FABIEN, FR
[71] SAFRAN POWER UNITS, FR
[85] 2017-03-20
[86] 2015-09-18 (PCT/FR2015/052514)
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[25] EN
[54] **MILK FROTHER APPLIANCE**
[54] **MOUSSEUR A LAIT**
[72] BALKAU, WERNER, CH
[71] QBO COFFEE GMBH, CH
[85] 2017-03-20
[86] 2015-09-22 (PCT/EP2015/071794)
[87] (WO2016/046238)
[30] EP (14186266.4) 2014-09-24

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[25] FR
[54] **METHOD FOR GETTING THE INSIDE OF A THERMALLY INSULATED SPACE UP TO TEMPERATURE AND MAINTAINING IT AT TEMPERATURE WITHOUT THE PROVISION OF CONTINUOUS ENERGY, AND ASSOCIATED DEVICE**
[54] **PROCEDE DE MISE EN TEMPERATURE ET DE MAINTIEN EN TEMPERATURE DE L'INTERIEUR D'UNE ENCEINTE THERMIQUEMENT ISOLEE SANS APPORT D'ENERGIE CONTINU- DISPOSITIF ASSOCIE**
[72] RIGAUD, LAURENT, FR
[72] KINDBEITER, FRANCIS, FR
[72] TADIOTTO, DAVID, FR
[71] COLDWAY, FR
[85] 2017-03-20
[86] 2015-09-29 (PCT/FR2015/052600)
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[30] FR (FR1459333) 2014-10-01

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[25] FR
[54] **DEVICE THAT CAN BE USED TO HEAT AND/OR REFRIGERATE AND/OR MAINTAIN THE TEMPERATURE OF A RECEPTACLE SUITED TO HOUSING FOODSTUFFS IN PARTICULAR**
[54] **DISPOSITIF PERMETTANT DE CHAUFFER ET/OU REFRIGERER ET/OU MAINTENIR EN TEMPERATURE UN RECEPTACLE ADAPTE POUR RECEVOIR NOTAMMENT DES ALIMENTS**
[72] RIGAUD, LAURENT, FR
[72] KINDBEITER, FRANCIS, FR
[72] TADIOTTO, DAVID, FR
[71] COLDWAY, FR
[85] 2017-03-20
[86] 2015-09-29 (PCT/FR2015/052601)
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[25] EN
[54] **MILK FROTHER APPLIANCE**
[54] **MOUSSEUR A LAIT**
[72] BALKAU, WERNER, CH
[71] QBO COFFEE GMBH, CH
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[51] **Int.Cl. C03C 21/00 (2006.01)**
[25] EN
[54] **ION IMPLANTATION PROCESS AND ION IMPLANTED GLASS SUBSTRATES**
[54] **PROCEDE D'IMPLANTATION D'IONS ET SUBSTRATS EN VERRE A IONS IMPLANTES**
[72] NAVET, BENJAMINE, BE
[72] BOULANGER, PIERRE, BE
[72] VENTELON, LIONEL, BE
[72] BUSARDO, DENIS, FR
[72] GUERNALEC, FREDERIC, FR
[71] AGC GLASS EUROPE, BE
[71] QUERTECH INGENIERIE, FR
[71] ASAHI GLASS CO LTD., JP
[85] 2017-03-20
[86] 2015-10-21 (PCT/EP2015/074400)
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[25] EN
[54] **METHOD FOR HOT OR WARM FORMING A WORKPIECE AND PRODUCTION PLANT FOR HOT OR WARM FORMING A WORKPIECE**
[54] **PROCEDE DE FORMAGE A CHAUD OU A BASSE TEMPERATURE D'UNE PIECE ET INSTALLATION DE PRODUCTION POUR LE FORMAGE A CHAUD OU A BASSE TEMPERATURE D'UNE PIECE**
[72] BANIK, JANKO, DE
[72] SIKORA, SASCHA, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
[71] THYSSENKRUPP AG, DE
[85] 2017-03-20
[86] 2015-11-05 (PCT/EP2015/075809)
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[51] **Int.Cl. B64C 3/26 (2006.01) B64C 3/38 (2006.01) B64C 3/40 (2006.01) B64C 3/42 (2006.01) B64C 3/44 (2006.01) B64C 3/52 (2006.01) B64C 3/54 (2006.01) B64C 5/10 (2006.01) B64C 5/14 (2006.01) B64C 13/00 (2006.01)**
[25] EN
[54] **MORPHING SKIN FOR AN AIRCRAFT**
[54] **REVETEMENT ADAPTABLE POUR UN AERONEF**
[72] XI, FENGFENG, CA
[72] MOOSAVIAN, AMIN, CA
[72] FINISTAURI, ALLAN DANIEL, CA
[71] BOMBARDIER INC., CA
[85] 2017-03-20
[86] 2015-09-24 (PCT/IB2015/057361)
[87] (WO2016/046787)
[30] US (62/055,174) 2014-09-25

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[25] EN
[54] **MULTIFUNCTIONAL CURVED BOARD**
[54] **PLATEAU MULTIFONCTIONS INCURVE**
[72] POLONEN, JARMO, FI
[72] KOIVUROVA, HEIKKI, FI
[71] GYMBA OY, FI
[85] 2017-03-20
[86] 2015-09-14 (PCT/FI2015/050607)
[87] (WO2016/046450)
[30] FI (U20140119) 2014-09-25
[30] FI (20146084) 2014-12-12

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[13] A1
[51] **Int.Cl. A47L 11/22 (2006.01) A47L 11/08 (2006.01) A47L 11/33 (2006.01) A47L 11/40 (2006.01) A47L 13/44 (2006.01)**
[25] EN
[54] **FLOOR CLEANING DEVICE HAVING A DUST BIN AND A PANEL FOR HOLDING A CLEANING SHEET PROXIMATE THERETO**
[54] **DISPOSITIF DE NETTOYAGE DE SOL COMPORTANT UNE POUBELLE ET UN PANNEAU POUR MAINTENIR UNE FEUILLE DE NETTOYAGE A PROXIMITE DE CELLE-CI**
[72] BRADBURY, GLENN ALLEN, US
[72] ATTER, ROBERT WILLIAM, CN
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-03-20
[86] 2015-10-09 (PCT/US2015/054814)
[87] (WO2016/060942)
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[51] **Int.Cl. B32B 5/28 (2006.01) B32B 33/00 (2006.01) B32B 37/15 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **COMPOSITE MATERIALS WITH HIGH Z-DIRECTION ELECTRICAL CONDUCTIVITY**
[54] **MATERIAUX COMPOSITES A HAUTE CONDUCTIVITE ELECTRIQUE DANS LA DIRECTION Z**
[72] RESTUCCIA, CARMELO LUCA, GB
[72] LENZI, FIORENZO, IT
[72] BONNEAU, MARK, US
[72] VILLEGAS, JOSANLET, US
[72] FRULLONI, EMILIANO, GB
[71] CYTEC INDUSTRIES INC., US
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[86] 2015-09-21 (PCT/US2015/051202)
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[51] **Int.Cl. E21D 21/00 (2006.01)**
[25] EN
[54] **ROCK BOLT WITH AN INTERGRALLY FORMED WEDGE FORMATION AND A METHOD OF MANUFACTURING SAME**
[54] **BOULON D'ANCRAGE DOTE D'UN SYSTEME DE COIN INTEGRE ET SON PROCEDE DE FABRICATION**
[72] CUSTERS, ROBERT JAMES, ZA
[72] CAWOOD, MARTIN, ZA
[72] SHEPPARD, JAMES WILLIAM, ZA
[71] NCM INNOVATIONS (PTY) LTD, ZA
[85] 2017-03-20
[86] 2015-08-25 (PCT/ZA2015/000055)
[87] (WO2016/049664)
[30] ZA (2014/06932) 2014-09-23

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[25] EN
[54] **COFFEE TAMPER**
[54] **PRESSE-CAFE**
[72] SOUTHERN, PETER, GB
[71] CLOCKWORK ESPRESSO LTD., GB
[85] 2017-03-20
[86] 2015-09-22 (PCT/EP2015/071750)
[87] (WO2016/046207)
[30] GB (1416726.6) 2014-09-22

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[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **WELDING TYPE POWER SUPPLY WITH WIND TUNNEL**
[54] **ALIMENTATION DU TYPE SOUDAGE AYANT SOUFFLERIE**
[72] ALTEKRUSE, KENNETH C., US
[72] MATIASH, NICHOLAS A., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-20
[86] 2015-10-07 (PCT/US2015/054394)
[87] (WO2016/073127)
[30] US (14/535,553) 2014-11-07

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[51] **Int.Cl. F03D 1/06 (2006.01) F15D 1/10 (2006.01)**
[25] EN
[54] **WIND ENERGY TURBINE ROTOR BLADE**
[54] **PALE DE ROTOR D'EOLIENNE**
[72] SPITZNER, JORG, DE
[71] BEST BLADES GMBH, DE
[85] 2017-03-21
[86] 2015-05-21 (PCT/DE2015/100205)
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[30] EP (14185815.9) 2014-09-22

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[51] **Int.Cl. C08G 59/56 (2006.01) A61L 27/00 (2006.01) C08G 59/64 (2006.01) C09D 163/00 (2006.01)**
[25] EN
[54] **MEDICAL COMPOSITION**
[54] **COMPOSITION MEDICALE**
[72] DIRKS, ANTONIUS JOHANNES, NL
[72] LOONTJENS, JACOBUS ANTONIUS, NL
[72] RIJK, LLEWELLYN, NL
[72] ODEKERKEN, JIM C.E., NL
[72] WELTING, TIM JOHANNES MARIA, NL
[71] DSM IP ASSETS B.V., NL
[71] MAASTRICHT UNIVERSITY, NL
[71] ACADEMISCH ZIEKENHUIS MAASTRICHT, NL
[85] 2017-03-20
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[51] **Int.Cl. E04F 15/02 (2006.01) E04C 2/40 (2006.01) E04F 13/076 (2006.01)**
[25] EN
[54] **PANEL**
[54] **PANNEAU**
[72] HANNIG, HANS-JURGEN, DE
[72] SCHAFERS, ERICH, DE
[71] AKZENTA PANEELE + PROFILE GMBH, DE
[85] 2017-03-21
[86] 2015-09-30 (PCT/EP2015/072564)
[87] (WO2016/050848)
[30] DE (10 2014 114 250.0) 2014-09-30

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[51] **Int.Cl. C09C 1/62 (2006.01) B22F 1/02 (2006.01) C08J 3/22 (2006.01) C08K 9/10 (2006.01) C09C 3/06 (2006.01)**
[25] EN
[54] **PVD METAL EFFECT PIGMENT POWDER**
[54] **POUDRE DE PIGMENT METALLIQUE A EFFET ENROBE PAR DEPOT PHYSIQUE EN PHASE VAPEUR**
[72] LANG, CHRISTIAN, DE
[72] LANG, NINA, DE
[72] PIECH, FABIAN, DE
[72] MAILE, FRANK J., DE
[72] MULLER, THOMAS, DE
[71] SCHLENK METALLIC PIGMENTS GMBH, DE
[85] 2017-03-21
[86] 2015-10-13 (PCT/EP2015/073642)
[87] (WO2016/059033)
[30] DE (10 2014 015 151.4) 2014-10-13

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[51] **Int.Cl. C10M 137/12 (2006.01) C10M 173/02 (2006.01) C22C 22/00 (2006.01)**
[25] FR
[54] **SURFACE TREATMENT OF METAL SUBSTRATES**
[54] **TRAITEMENT DE SURFACE DE SUBSTRATS METALLIQUES**
[72] LALLEMAND, FABRICE, FR
[72] ROIZARD, XAVIER, FR
[72] MELOT, JEAN-MARIE, FR
[72] BUTERI, AURELIEN, FR
[72] BORGEOT, MELANIE, FR
[72] EVRARD, ROMAIN, FR
[71] APERAM, LU
[71] UNIVERSITE DE FRANCHE-COMTE, FR
[85] 2017-03-21
[86] 2015-09-25 (PCT/EP2015/072172)
[87] (WO2016/046401)
[30] FR (1459158) 2014-09-26

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[13] A1
[51] **Int.Cl. C08L 23/06 (2006.01) B32B 15/085 (2006.01) C08L 23/22 (2006.01) C08L 51/06 (2006.01) C09J 123/06 (2006.01)**
[25] EN
[54] **POLYOLEFIN-BASED COMPOSITIONS, ADHESIVES, AND RELATED MULTI-LAYERED STRUCTURES PREPARED THEREFROM**
[54] **COMPOSITIONS A BASE DE POLYOLEFINE, ADHESIFS ET STRUCTURES MULTI-COUCHES APPARENTEES PREPAREES A PARTIR DE CELLES-CI**
[72] BOTROS, MAGED G., US
[71] EQUISTAR CHEMICALS, LP, US
[85] 2017-03-21
[86] 2015-09-22 (PCT/US2015/051463)
[87] (WO2016/049035)
[30] US (62/053,947) 2014-09-23

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[51] **Int.Cl. E21B 33/127 (2006.01) E21B 17/00 (2006.01) E21B 29/00 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL WITH AN EXPANDABLE SLEEVE**
[54] **OUTIL DE FOND DE TROU A MANCHON EXTENSIBLE**
[72] MARTIN, CARL, US
[72] KELLNER, JUSTIN, US
[72] CHAUFFE, STEPHEN J., US
[71] TEAM OIL TOOLS, LP, US
[85] 2017-03-21
[86] 2016-07-22 (PCT/US2016/043545)
[87] (WO2017/019500)
[30] US (62/196,712) 2015-07-24
[30] US (62/319,564) 2016-04-07

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[51] **Int.Cl. B60N 2/00 (2006.01) B60N 2/02 (2006.01) B60N 2/06 (2006.01) B60N 2/14 (2006.01) B60N 2/18 (2006.01) B60N 2/22 (2006.01) B60N 2/34 (2006.01) B60N 2/46 (2006.01) B60N 2/48 (2006.01) B60N 2/66 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **AIRCRAFT SEAT**
[54] **SIEGE D'AVION**
[72] ERHEL, PHILIPPE, CA
[71] BOMBARDIER INC., CA
[85] 2017-03-21
[86] 2015-09-24 (PCT/US2015/051971)
[87] (WO2016/049331)
[30] GB (1417014.6) 2014-09-26

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[51] **Int.Cl. B60N 2/00 (2006.01) B60N 2/06 (2006.01) B60N 2/14 (2006.01) B60N 2/18 (2006.01) B60N 2/22 (2006.01) B60N 2/34 (2006.01) B60N 2/46 (2006.01) B60R 7/04 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **AIRCRAFT SEAT**
[54] **SIEGE D'AERONEF**
[72] ERHEL, PHILIPPE, CA
[71] BOMBARDIER INC., CA
[85] 2017-03-21
[86] 2015-09-24 (PCT/US2015/051991)
[87] (WO2016/049341)
[30] GB (1417017.9) 2014-09-26

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[51] **Int.Cl. A63G 7/00 (2006.01) B60R 22/48 (2006.01)**
[25] EN
[54] **DEVICE FOR RESTRAINING A PASSENGER IN A HOLDER OF AN AMUSEMENT RIDE**
[54] **DISPOSITIF DE RETENUE D'UN OCCUPANT DANS UN RECEPTACLE D'UN MANEGE**
[72] BURGER, GUNTER, DE
[72] SORNIK, FRANK, DE
[72] HAUER, ROMAN, DE
[72] GORDT, DENNIS, DE
[71] MACK RIDES GMBH & CO. KG, DE
[85] 2017-03-22
[86] 2015-09-17 (PCT/EP2015/071306)
[87] (WO2016/046050)
[30] DE (10 2014 113 869.4) 2014-09-24

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[13] A1
[51] **Int.Cl. C07C 67/08 (2006.01) C07C 69/82 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING DIESTERS OF TEREPHTHALIC ACID**
[54] **PROCEDE DE PRODUCTION DE DIESTERS D'ACIDE TEREPHTALIQUE**
[72] SCHRAUT, ARMIN, DE
[72] KALLER, MARTIN, DE
[72] BRONNEBERG, ROB, DE
[72] STAMMER, JASMIN, DE
[72] DAS, MARTIN, DE
[72] HARNISCHMACHER, GERRIT, DE
[71] BASF SE, DE
[85] 2017-03-22
[86] 2015-09-21 (PCT/EP2015/071579)
[87] (WO2016/046121)
[30] EP (14186134.4) 2014-09-24

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[51] **Int.Cl. F16J 15/06 (2006.01) F28F 3/08 (2006.01) F28F 3/10 (2006.01)**
[25] EN
[54] **A PORTHOLE GASKET FOR A PLATE HEAT EXCHANGER, A PLATE PACKAGE AND A PLATE HEAT EXCHANGER WITH SUCH A PORTHOLE GASKET**
[54] **JOINT D'ETANCHEITE DE LUMIERES POUR UN ECHANGEUR DE CHALEUR A PLAQUES, GROUPEMENT DE PLAQUES ET ECHANGEUR DE CHALEUR A PLAQUES COMPRENANT UN TEL JOINT D'ETANCHEITE DE LUMIERES**
[72] CHRISTENSEN, ROLF, SE
[72] VIGHAGEN, PETER, SE
[71] ALFA LAVAL CORPORATE AB, SE
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[54] **INHALATION DEVICE**
[54] **DISPOSITIF D'INHALATION**
[72] BENCIC, NENAD, HR
[71] XELLIA PHARMACEUTICALS APS, DK
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[51] **Int.Cl. H01M 8/0276 (2016.01) H01M 8/0258 (2016.01) C25B 13/02 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL SYSTEM WITH A SEPARATOR COMPRISING A BEAD SEAL WITH A REDUCTION OR CLOSURE OF THE COOLANT FLOW CHANNEL IN THE INNER SPACE OF THE BEAD**
[54] **SYSTEME ELECTROCHIMIQUE DOTE D'UN SEPARATEUR COMPRENANT UN JOINT D'ETANCHEITE A PERLE ISOLANTE AVEC REDUCTION OU FERMETURE DU CANAL D'ECOULEMENT DE FLUIDE DE REFROIDISSEMENT DANSL'ESPACE INTERIEUR DE LA PERLE ISOLANTE**
[72] GAUGLER, BERND, DE
[72] WENZEL, STEPHAN, DE
[71] REINZ-DICHTUNGS-GMBH, DE
[85] 2017-03-22
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[51] **Int.Cl. F04B 43/08 (2006.01) F04B 43/12 (2006.01)**
[25] EN
[54] **HOSE PUMP AND DEVICE FOR ANALYSING A CHEMICAL OR BIOLOGICAL SAMPLE**
[54] **POMPE A TUYAU SOUPLE ET DISPOSITIF POUR ANALYSER UN ECHANTILLON CHIMIQUE OU BIOLOGIQUE**
[72] KEUSCHNIG, JOCHEN, DE
[71] CURETIS GMBH, DE
[85] 2017-03-22
[86] 2015-10-09 (PCT/EP2015/073382)
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[51] **Int.Cl. C08L 29/04 (2006.01) C08J 11/08 (2006.01)**
[25] EN
[54] **BIODEGRADABLE POLYMER RECYCLING**
[54] **RECYCLAGE DE POLYMERE BIODEGRADABLE**
[72] JOHNSON, ANTHONY FRANCIS, GB
[72] WONG, STEPHEN SIK FAN, GB
[71] JOHNSON, ANTHONY FRANCIS, GB
[71] WONG, STEPHEN SIK FAN, GB
[85] 2017-03-22
[86] 2015-09-14 (PCT/GB2015/052651)
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[25] EN
[54] **DEVICES AND METHODS FOR ORIENTING PLATELET-SHAPED MAGNETIC OR MAGNETIZABLE PIGMENT PARTICLES**
[54] **DISPOSITIFS ET PROCEDES D'ORIENTATION DE PARTICULES DE PIGMENT MAGNETIQUES OU MAGNETISABLES EN FORME DE PLAQUETTE**
[72] MULLER, EDGAR, CH
[71] SICPA HOLDING SA, CH
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[86] 2015-11-20 (PCT/EP2015/077220)
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[51] **Int.Cl. B62D 25/04 (2006.01) B62D 25/02 (2006.01) B62D 25/20 (2006.01) B62D 29/00 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING A THREE-DIMENSIONAL VEHICLE DOOR FRAME INNER REINFORCEMENT ELEMENT, FOR PRODUCING A VEHICLE DOOR FRAME AND FOR PRODUCING A VEHICLE REINFORCEMENT STRUCTURE**
[54] **PROCEDES DE PRODUCTION D'UN ELEMENT INTERIEUR TRIDIMENSIONNEL DE RENFORCEMENT D'ENCADREMENT D'ENTREE DE PORTIERE DE VEHICULE, DE PRODUCTION D'UN ENCADREMENT D'ENTREE DE PORTIERE DE VEHICULE ET D'UNE STRUCTURE DE RENFORCEMENT DE VEHICULE**
[72] SCHNEIDER, NICOLAS, FR
[72] DROUADAINE, YVES, FR
[71] ARCELORMITTAL, LU
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[86] 2014-09-22 (PCT/IB2014/064728)
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[51] **Int.Cl. C07C 67/08 (2006.01) C07C 69/82 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING DIESTERS OF TEREPHTHALIC ACID WITH CIRCULATION OF THE REACTION MIXTURE**
[54] **PROCEDE DE PRODUCTION DE DIESTERS D'ACIDE TEREPHTALIQUE AVEC RECIRCULATION DU MELANGE REACTIONNEL**
[72] SCHRAUT, ARMIN, DE
[72] KALLER, MARTIN, DE
[72] BRONNEBERG, ROB, DE
[72] STAMMER, JASMIN, DE
[72] DAS, MARTIN, DE
[72] HARNISCHMACHER, GERRIT, DE
[71] BASF SE, DE
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[51] **Int.Cl. C07C 67/08 (2006.01) C07C 69/82 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING DIESTERS OF TEREPHTHALIC ACID WITH ENRICHMENT OF RECIRCULATED ALCOHOL**
[54] **PROCEDE DE PREPARATION DE DIESTERS D'ACIDE TEREPHTALIQUE COMPORTANT UN ENRICHISSEMENT PAR RECYCLAGE DE L'ALCOOL**
[72] SCHRAUT, ARMIN, DE
[72] KALLER, MARTIN, DE
[72] BRONNEBERG, ROB, DE
[72] STAMMER, JASMIN, DE
[72] DAS, MARTIN, DE
[72] HARNISCHMACHER, GERRIT, DE
[71] BASF SE, DE
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[86] 2015-09-21 (PCT/EP2015/071578)
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[51] **Int.Cl. B62D 33/023 (2006.01) B62D 29/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A DOOR ELEMENT OF AN AUTOMOTIVE VEHICLE AND DOOR ELEMENT OF AN AUTOMOTIVE VEHICLE**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT DE PORTIERE D'UN VEHICULE AUTOMOBILE ET ELEMENT DE PORTIERE D'UN VEHICULE AUTOMOBILE**
[72] SCHNEIDER, NICOLAS, FR
[71] ARCELORMITTAL, LU
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[25] EN
[54] **WORKTOP FOR PIECES OF FURNITURE AND METHOD FOR JOINING SLABS SO AS TO OBTAIN SAID WORKTOP**
[54] **PLAN DE TRAVAIL DESTINE A DES PIECES DE MOBILIER ET PROCEDE DE RACCORDEMENT DE DALLES DE FACON A OBTENIR LEDIT PLAN DE TRAVAIL**
[72] SCAPIN, ROMEO, IT
[71] MARMO ARREDO S.P.A., IT
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[86] 2014-09-23 (PCT/IB2014/064775)
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[51] **Int.Cl. B60R 19/18 (2006.01) B60R 19/24 (2006.01)**
[25] EN
[54] **BUMPER-REINFORCING SYSTEM FOR MOTOR VEHICLE**
[54] **SYSTEME DE RENFORCEMENT DE PARE-CHOCS POUR VEHICULE MOTORISE**
[72] SCHNEIDER, NICOLAS, FR
[72] GIBEAU, ELIE, FR
[72] DROUADAINE, YVES, FR
[72] COCU, ARNAUD, FR
[72] DONYA, GILSON, FR
[71] ARCELORMITTAL, LU
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[51] **Int.Cl. A01K 61/80 (2017.01) A01K 61/00 (2017.01)**
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[54] **TACTILE SENSING DEVICE FOR FISH**
[54] **DISPOSITIF DE CAPTEUR TACTILE DESTINE AUX POISSONS**
[72] CHEN, WEIMIN, JP
[71] NIPPON SUISAN KAISHA, LTD., JP
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[25] EN
[54] **AUTOMOTIVE VEHICLE STRUCTURAL PART AND METHOD OF PRODUCING THE SAME**
[54] **PIECE STRUCTURALE DE VEHICULE AUTOMOBILE ET SON PROCEDE DE FABRICATION**
[72] SCHNEIDER, NICOLAS, FR
[71] ARCELORMITTAL, LU
[85] 2017-03-22
[86] 2015-09-22 (PCT/IB2015/057286)
[87] (WO2016/046739)
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[51] **Int.Cl. A61B 17/072 (2006.01)**
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[54] **SURGICAL STAPLER WITH SELF-ADJUSTING STAPLE HEIGHT**
[54] **AGRAFEUSE CHIRURGICALE AVEC AUTO-AJUSTEMENT DE LA HAUTEUR DES AGRAFES**
[72] BECERRA, MATTHEW, US
[72] DECKER, STEVEN, US
[72] HOPKINS, TIMOTHY, US
[72] PATEL, ATAL, US
[72] JASEMIAN, BABAK, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
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[51] **Int.Cl. A47C 7/32 (2006.01) A47C 1/024 (2006.01) A47C 7/44 (2006.01) A47C 7/46 (2006.01)**
[25] EN
[54] **A CHAIR BACK**
[54] **DOSSIER DE CHAISE**
[72] DENNEHY, SIMON, IE
[72] HAMILTON, PHILIP, IE
[71] PERCH DYNAMIC SOLUTIONS LIMITED, IE
[85] 2017-03-16
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[51] **Int.Cl. E04B 2/74 (2006.01) E04B 2/82 (2006.01)**
[25] EN
[54] **JOINT-SEALING ELEMENT HAVING A PREDETERMINED GEOMETRY AND SEALING ASSEMBLY HAVING SUCH A JOINT-SEALING ELEMENT**
[54] **ELEMENT D'ETANCHEITE DE GEOMETRIE PREDETERMINEE ET DISPOSITIF D'ETANCHEITE POURVU D'UN TEL ELEMENT D'ETANCHEITE**
[72] KLEIN, MANFRED, DE
[72] FORG, CHRISTIAN, DE
[72] PAETOW, MARIO, DE
[72] KOGLER, MARKUS, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[25] EN
[54] **COMPOSITION FOR PREVENTING OR TREATING VASCULAR LEAK SYNDROME**
[54] **COMPOSITION DESTINEE A LA PREVENTION OU AU TRAITEMENT DU SYNDROME DE FUITE VASCULAIRE**
[72] KIM, HO MIN, KR
[72] KANG, JI IN, KR
[72] KIM, SUN CHANG, KR
[72] CUI, CHANG HAO, KR
[71] INTELLIGENT SYNTHETIC BIOLOGY CENTER, KR
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[51] **Int.Cl. F02C 7/277 (2006.01) B64F 5/60 (2017.01) B64C 27/00 (2006.01) F02C 7/262 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR TESTING THE INTEGRITY OF A HELICOPTER TURBINE ENGINE RAPID RESTART SYSTEM**
[54] **DISPOSITIF ET PROCEDE DE TEST D'INTEGRITE D'UN SYSTEME DE REACTIVATION RAPIDE D'UN TURBOMOTEUR D'UN HELICOPTERE**
[72] THIRIET, ROMAIN, FR
[72] BAZET, JEAN-MICHEL, FR
[72] SERGHINE, CAMEL, FR
[72] MARCONI, PATRICK, FR
[72] IRIGOYEN, JEROME, FR
[72] LANGFORD, STEPHEN, FR
[71] SAFRAN HELICOPTER ENGINES, FR
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[87] (WO2016/051048)
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[51] **Int.Cl. G01N 33/15 (2006.01) C12Q 1/02 (2006.01) C07J 17/00 (2006.01)**
[25] EN
[54] **METHOD FOR SCREENING ACTIVATOR OF MITOCHONDRIAL ACTIVITY**
[54] **METHODE DE DEPISTAGE D'ACTIVATEUR D'ACTIVITE MITOCHONDRIALE**
[72] KIM, SUN CHANG, KR
[72] PARK, CHAN BAE, KR
[72] LEE, SOON JANG, KR
[71] INTELLIGENT SYNTHETIC BIOLOGY CENTER, KR
[85] 2017-03-16
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[30] KR (10-2015-0094015) 2015-07-01

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[51] **Int.Cl. B63B 35/32 (2006.01) B63B 25/08 (2006.01) B63B 27/00 (2006.01) B63B 35/44 (2006.01) E02B 15/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR RECOVERING ONE OR MORE CONTAMINANTS FLOATING ON A BODY OF WATER**
[54] **APPAREIL ET PROCEDES POUR LA RECUPERATION D'UN OU DE PLUSIEURS CONTAMINANTS FLOTTANT SUR UNE MASSE D'EAU**
[72] COVINGTON, RUSSELL S., US
[71] OCEAN CLEANER, LLC, US
[85] 2017-03-22
[86] 2015-10-14 (PCT/US2015/055433)
[87] (WO2016/061168)
[30] US (62/064,776) 2014-10-16
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[25] EN
[54] **CONTINUOUS SOLUTION POLYMERIZATION PROCESS**
[54] **PROCEDE CONTINU DE POLYMERISATION EN SOLUTION**
[72] SIBTAIN, FAZLE, CA
[72] DOBBIN, CHRISTOPHER, CA
[72] TAYLOR, KENNETH, CA
[72] KHAKDAMAN, HAMIDREZA, CA
[72] CHISHOLM, P. SCOTT, CA
[71] NOVA CHEMICALS (INTERNATIONAL) S.A., CH
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[87] (WO2016/063200)
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[51] **Int.Cl. E21B 7/02 (2006.01) B60P 3/40 (2006.01) E21B 15/00 (2006.01)**
[25] EN
[54] **DRILLING RIG**
[54] **APPAREIL DE FORAGE**
[72] JONAH, KEVIN BRADLEY, CA
[72] DENNESS, KEVIN, CA
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-03-22
[86] 2015-08-07 (PCT/US2015/044291)
[87] (WO2016/048458)
[30] US (62/054,513) 2014-09-24

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[51] **Int.Cl. C07C 67/08 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING DIESTERS OF TEREPHTHALIC ACID WITH A DEHYDRATION OF RECIRCULATED ALCOHOL**
[54] **PROCEDE DE PRODUCTION DE DIESTERS D'ACIDE TEREPHTALIQUE AVEC DESHYDRATATION D'ALCOOL RECYCLE**
[72] SCHRAUT, ARMIN, DE
[72] KALLER, MARTIN, DE
[72] BRONNEBERG, ROB, DE
[72] STAMMER, JASMIN, DE
[72] DAS, MARTIN, DE
[72] HARNISCHMACHER, GERRIT, DE
[71] BASF SE, DE
[85] 2017-03-23
[86] 2015-09-21 (PCT/EP2015/071576)
[87] (WO2016/046118)
[30] EP (14186143.5) 2014-09-24

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[13] A1
[51] **Int.Cl. B62D 55/04 (2006.01) B62D 49/06 (2006.01) B62D 55/02 (2006.01)**
[25] EN
[54] **VEHICLE COMPRISING A TRACK DEVICE**
[54] **VEHICULE COMPORTANT UN DISPOSITIF DE VOIE**
[72] PALUDAN RATGEN, FELIX, DK
[72] TOFTMANN SCHMIDT, MICHAEL, DK
[71] PALUDAN RATGEN, FELIX, DK
[71] TOFTMANN SCHMIDT, MICHAEL, DK
[85] 2017-03-23
[86] 2015-09-28 (PCT/DK2015/050294)
[87] (WO2016/045685)
[30] DK (PA 2014 00551) 2014-09-28

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[51] **Int.Cl. C09C 1/02 (2006.01)**
[25] EN
[54] **PROCESS FOR IMPROVING PARTICLE SIZE DISTRIBUTION OF CALCIUM CARBONATE-COMPRISING MATERIAL**
[54] **PROCEDE POUR AMELIORER LA DISTRIBUTION GRANULOMETRIQUE D'UN MATERIAU CONTENANT DU CARBONATE DE CALCIUM**
[72] POHL, MICHAEL, AT
[72] RAINER, CHRISTIAN, AT
[72] BRUNNER, MARTIN, CH
[72] SPEHN, JURGEN, CH
[72] TINKL, MICHAEL, CH
[72] WERNER, DENNIS, CH
[72] SENTI-WENK, ARMELLE, CH
[72] GOUTARD, EMMANUEL, FR
[71] OMYA INTERNATIONAL AG, CH
[85] 2017-03-23
[86] 2015-09-28 (PCT/EP2015/072275)
[87] (WO2016/050698)
[30] EP (14186967.7) 2014-09-30
[30] US (62/061,218) 2014-10-08
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[51] **Int.Cl. E21B 41/00 (2006.01) E21B 4/04 (2006.01) E21B 7/00 (2006.01)**
[25] EN
[54] **OPTIMIZING POWER DELIVERED TO AN ELECTRICAL ACTUATOR**
[54] **OPTIMISATION DE LA PUISSANCE DELIVREE A UN ACTIONNEUR ELECTRIQUE**
[72] ZACHARKO, JONATHAN PETER, US
[72] WONG, DAVID YAN LAP, US
[72] LOZINSKY, CLINT PAUL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-22
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[30] US (14/522,166) 2014-10-23

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[51] **Int.Cl. F16H 1/22 (2006.01)**
[25] FR
[54] **SPEED REDUCTION GEARBOX WITH TWO INTERMEDIATE TRANSMISSION LINES**
[54] **REDUCTEUR DE VITESSE A DEUX LIGNES INTERMEDIAIRES DE TRANSMISSION**
[72] FERAUD, BENJAMIN, FR
[72] AMIET, MAXIME, FR
[72] BECK, GUILLAUME, FR
[72] BECQUERELLE, SAMUEL RAYMOND GERMAIN, FR
[72] MATHIEU, ANTOINE, FR
[72] MORELLI, BORIS, FR
[71] SAFRAN TRANSMISSION SYSTEMS, FR
[85] 2017-03-23
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[87] (WO2016/051045)
[30] FR (1459282) 2014-09-30

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[51] **Int.Cl. F25D 3/00 (2006.01) F25D 16/00 (2006.01) F28D 21/00 (2006.01)**
[25] EN
[54] **COOLING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE REFROIDISSEMENT**
[72] TANSLEY, IAN, GB
[71] THE SURE CHILL COMPANY LIMITED, GB
[85] 2017-03-23
[86] 2015-09-23 (PCT/GB2015/052749)
[87] (WO2016/046542)
[30] GB (1416879.3) 2014-09-24

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[51] **Int.Cl. E03C 1/24 (2006.01) E03C 1/232 (2006.01)**
[25] EN
[54] **IMPROVED DRAINAGE MECHANISM**
[54] **MECANISME DE DRAINAGE AMELIORE**
[72] MCALPINE, JAMES EDWARD, GB
[72] MCKENDRICK, CHRISTOPHER, GB
[71] MCALPINE & CO LIMITED, GB
[85] 2017-03-23
[86] 2015-09-24 (PCT/GB2015/052766)
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[30] GB (1417006.2) 2014-09-26

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[54] **OUTIL ET MACHINE POUR TRAVAILLER DE LA PIERRE NATURELLE, UN AGGLOMERAT OU UN MATERIAU CERAMIQUE**
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[54] **MEDICAL DEVICES AND RELATED METHODS**
[54] **DISPOSITIFS MEDICAUX ET PROCEDES ASSOCIES**
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[72] AUTON, KEVIN ANDREW, GB
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[54] **PROCEDE DE TRAITEMENT D'UNE MALADIE HEPATIQUE**
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[54] **DERIVES D'AMINOTRIAZINE UTILES A TITRE DE COMPOSES INHIBITEURS DES KINASES SE LIANT A TANK**
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[72] GUERRERO, JUAN A., US
[72] KAPLAN, JOSHUA A., US
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[72] LO, JENNIFER R., US
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[54] **TRANSMISSION A VARIATION CONTINUE AVEC RAPPORT D'ENTREE A SORTIE UNIFORME QUI N'EST PAS DEPENDANT DU FROTTEMENT**
[72] RAJENDRAN, RAJA RAMANUJAM, US
[72] RAJENDRAN, PRASHANTH, US
[71] RAJENDRAN, RAJA RAMANUJAM, US
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[72] SEDLAKOVA, ZDENKA, CZ
[72] POLAKOVA, LENKA, CZ
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[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DU NIVEAU DE CARBURANT DANS UN GENERATEUR ENTRAINE PAR UN MOTEUR**
[72] TRINKNER, MICHAEL JOHN, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **ARCHITECTURE D'UN SYSTEME PROPULSIF D'UN HELICOPTERE COMPRENANT UN TURBOMOTEUR HYBRIDE ET UN SYSTEME DE REACTIVATION DE CE TURBOMOTEUR HYBRIDE**
[72] VALLART, PHILIPPE, FR
[72] BAZET, JEAN-MICHEL, FR
[72] LE DUIGOU, LOIC, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[71] SAFRAN ELECTRICAL & POWER, FR
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[72] LI, ZHEN, CA
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[54] **IGNITION SYSTEM FOR A COMBUSTION CHAMBER OF A TURBO ENGINE**
[54] **SYSTEME D'ALLUMAGE D'UNE CHAMBRE DE COMBUSTION D'UN TURBOMOTEUR**
[72] THIRIET, ROMAIN, FR
[72] BAZET, JEAN-MICHEL, FR
[72] COTTIN, GUILLAUME, FR
[72] SERGHINE, CAMEL, FR
[72] MARCONI, PATRICK, FR
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[54] **RECIPIENT POUR FOURNITURES MEDICALES ET SYSTEMES ASSOCIES**
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[72] GILLMAN, PETER, NZ
[71] INVENTORYTECH LIMITED, NZ
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[54] **ROTOR VANE WITH ACTIVE CLEARANCE CONTROL, ROTARY ASSEMBLY AND OPERATING METHOD THEREOF**
[54] **AUBE DE ROTOR A PILOTAGE DE JEU ACTIF, ENSEMBLE TOURNANT ET SON PROCEDE DE FONCTIONNEMENT**
[72] DURAND, DIDIER NOEL, FR
[72] BAUMAS, OLIVIER JEAN DANIEL, FR
[72] DELAPORTE, NICOLAS DANIEL, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR VISUALIZING ANATOMICAL STRUCTURES AND BLOOD FLOW AND PERFUSION PHYSIOLOGY USING IMAGING TECHNIQUES**
[54] **PROCEDES, SYSTEMES ET PRODUITS-PROGRAMMES INFORMATIQUE POUR VISUALISER DES STRUCTURES ANATOMIQUES, UN DEBIT SANGUIN ET UNE PHYSIOLOGIE DE PERFUSION A L'AIDE DE TECHNIQUES D'IMAGERIE**
[72] CHEN, CHENG, US
[72] FERGUSON, THOMAS BRUCE, JR., US
[72] JACOBS, KENNETH MICHAEL, US
[72] PENG, ZHIYONG, US
[71] EAST CAROLINA UNIVERSITY, US
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[54] **DISPOSITIF ET PROCEDE DE FORMATION DE MOUSSE**
[72] BRANDEIS, ZEEV, IL
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[54] **ENSEMBLE CONDUITE DE FLUIDE COMPORTANT DES CARACTERISTIQUES D'EVACUATION D'AIR**
[72] MONTALVO, SUSAN MCCONNELL, US
[71] MEDTRONIC MINIMED, INC., US
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[54] **COMMANDE DE COUCHE LIMITE DE PASSAGE DE DIFFUSEUR DE COMPRESSEUR CENTRIFUGE**
[72] PARKER, DAVID VICKERY, US
[72] SMYTHE, CAITLIN JEANNE, US
[72] WILSON, JAMES RICHARD, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **DISPOSITIF POUR GENERER UN FLUX DE DONNEES DE SORTIE VIDEO, SOURCE VIDEO, SYSTEME VIDEO ET PROCEDE POUR GENERER UN FLUX DE DONNEES DE SORTIE VIDEO OU UN FLUX DE DONNEES DE SOURCEVIDEO**
[72] WAGNER, EUGEN, DE
[72] SALOMAN, CHRISTOPHER, DE
[72] THIEME, WOLFGANG, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **SUIVI ET CONFIRMATION DE L'AUTHENTICITE D'ARTICLES**
[72] RIVLIN, YAIR, US
[72] CONSTANTIN, CATALIN MIHAI, US
[72] HALL, SAMUEL PIKE, VI, US
[72] HERRINGTON, DOUGLAS JAMES, US
[72] REN, HUINAN, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **SYSTEMS AND METHODS FOR FACILITATING THE PROCUREMENT OF ITEMS**
[54] **SYSTEMES ET PROCEDES POUR FACILITER LA FOURNITURE D'ARTICLES**
[72] STEPHENSON, TIMOTHY NELSON, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[54] **ENDOSCOPE INCLUDING A TORQUE GENERATION COMPONENT OR TORQUE DELIVERY COMPONENT DISPOSED WITHIN AN INSERTABLE PORTION OF THE ENDOSCOPE AND A SURGICAL CUTTING ASSEMBLY INSERTABLE WITHIN THE ENDOSCOPE**
[54] **ENDOSCOPE POURVU D'UN COMPOSANT GENEREUR DE COUPLE OU D'UN COMPOSANT DISTRIBUTEUR DE COUPLE LOGE DANS UNE PARTIE INSERABLE DE L'ENDOSCOPE, ET POURVU D'UN ENSEMBLE DE COUPE CHIRURGICAL INSERABLE DANS L'ENDOSCOPE**
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[72] MARCOUX, MICHAEL W., US
[72] WISDOM, RICHARD STEPHEN, US
[72] REBH, WILLIAM R., JR., US
[72] COSTA, EVAN, US
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[54] **INSTRUMENT NAVIGATION IN COMPUTER-ASSISTED HIP SURGERY**
[54] **NAVIGATION D'INSTRUMENTS EN CHIRURGIE DE LA HANCHE ASSISTEE PAR ORDINATEUR**
[72] FALARDEAU, BRUNO, CA
[72] VALIN, MYRIAM, CA
[72] PELLETIER, BENOIT, CA
[72] PARADIS, FRANCOIS, CA
[71] ORTHOSOFT INC., CA
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[54] **CAPTEUR DE GAZ OPTIQUE A EMETTEUR A DEL POUR EMISSION DE LUMIERE A LARGEUR DE BANDE ETROITE**
[72] PAPE, ANDRE, DE
[72] TROELLSCH, ARNE, DE
[71] DRAEGER SAFETY AG & CO. KGAA, DE
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[25] FR
[54] **METHOD AND DEVICE FOR NOTIFYING AN AUTHORIZATION TO COMPLETELY SHUT DOWN AN AIRCRAFT GAS TURBINE ENGINE**
[54] **PROCEDE ET DISPOSITIF DE NOTIFICATION D'UNE AUTORISATION D'ARRET COMPLET D'UN MOTEUR A TURBINE A GAZ D'AERONEF**
[72] DESCUBES, OLIVIER PIERRE, FR
[72] PY, JEAN-MICHEL PIERRE CLAUDE, FR
[71] SAFRAN HELICOPTER ENGINES, FR
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[25] EN
[54] **METHOD FOR OPERATING A POWER GENERATING DEVICE AND POWER GENERATING DEVICE**
[54] **PROCEDE POUR FAIRE FONCTIONNER UN DISPOSITIF DE PRODUCTION DE COURANT ET DISPOSITIF DE PRODUCTION DE COURANT CORRESPONDANT**
[72] URIONA SEPULVEDA, LEONARDO, DE
[72] BALL, MARTIN, DE
[71] EKU POWER DRIVES GMBH, DE
[85] 2017-04-07
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[87] (WO2016/055427)
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[25] EN
[54] **METHOD FOR OPERATING A POWER GENERATING DEVICE AND POWER GENERATING DEVICE**
[54] **PROCEDE POUR FAIRE FONCTIONNER UN DISPOSITIF DE PRODUCTION DE COURANT ET DISPOSITIF DE PRODUCTION DE COURANT CORRESPONDANT**
[72] URIONA SEPULVEDA, LEONARDO, DE
[72] BALL, MARTIN, DE
[71] EKU POWER DRIVES GMBH, DE
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[25] FR
[54] **DEVICE FOR CONTROLLING THE FUNCTIONING OF A CARDIAC PROSTHESIS**
[54] **DISPOSITIF DE GESTION DU FONCTIONNEMENT D'UNE PROTHESE CARDIAQUE**
[72] GRANDY, PATRICK, FR
[71] AMESYS, FR
[85] 2017-04-07
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[54] **METHODS AND SYSTEMS FOR TRADING ITEMS OVER A NETWORK**
[54] **PROCEDES ET SYSTEMES POUR ECHANGER DES ARTICLES SUR UN RESEAU**
[72] HAMMOND, MARK, US
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[54] **APPAREIL POUR LA PENETRATION VAGINALE D'ANIMAUX COMPORTANT UN SYSTEME DE VISION, NOTAMMENT POUR LOCALISER LE COL DE L'UTERUS**
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[72] BOWLES, MARK VINCENT, US
[72] BEANE, JOHN ANDREW, US
[72] LIBRIZZI, MICHAEL, US
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[54] **APPLICATION POUR L'EVALUATION DE DISPOSITIF ET D'AUTRES PROCEDES ASSOCIES AU RECYCLAGE DE DISPOSITIF**
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[54] **PROCEDE D'AUGMENTATION DE L'EFFICACITE DE MOTEURS A COMBUSTION**
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[72] QUINTAO DUARTE SILVA, FRANCISCO DIOGO, PT
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[72] DESREUMAUX, ANTOINE PATRICE MARIE, FR
[72] REGHEZZA, PATRICK JEAN-LOUIS, FR
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[54] **EQUIPMENT SUPPORT OF A TURBO MACHINE COMPRISING A MAGNETIC REDUCER**
[54] **SUPPORT D'EQUIPEMENT D'UNE TURBOMACHINE COMPRENANT UN REDUCTEUR MAGNETIQUE**
[72] GUILLEMONT, MAXENCE, FR
[72] PRUNERA-USACH, STEPHANE, FR
[72] VIEL, JULIEN, FR
[72] BARBE, ANTOINE, FR
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[54] **DEVICE AND METHOD FOR DETECTING VITAL SIGN INFORMATION OF A SUBJECT**
[54] **DISPOSITIF ET PROCEDE POUR DETECTER DES INFORMATIONS RELATIVES AUX SIGNES VITAUX D'UN SUJET**
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[71] KONINKLIJKE PHILIPS N.V., NL
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[54] **METHODE D'ANALYSE DE L'ACTIVITE CEREBRALE D'UN SUJET**
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[54] **MAGNETIC FIELD STRUCTURES, FIELD GENERATORS, NAVIGATION AND IMAGING FOR UNTETHERED ROBOTIC DEVICE ENABLED MEDICAL PROCEDURE**
[54] **STRUCTURES GENERATRICES DE CHAMP MAGNETIQUE, GENERATEURS DE CHAMP, NAVIGATION ET IMAGERIE POUR ACTE MEDICAL ACTIVE PAR DISPOSITIF ROBOTIQUE NON AUTONOME**
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[54] **CONTAINMENT DEVICES FOR TREATMENT OF INTESTINAL FISTULAS AND COMPLEX WOUNDS**
[54] **DISPOSITIFS DE CONFINEMENT POUR LE TRAITEMENT DE FISTULES INTESTINALES ET DE PLAIES COMPLEXES**
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[54] **SYSTEME FOURNISSANT UN SERVICE WI-FI GRATUIT, DE LA PUBLICITE ET DES INFORMATIONS PUBLIQUES**
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[54] **ENSEMBLE DE TUBULURE MULTI-LUMIERES A BRANCHEMENT POUR PROCEDURES CHIRURGICALES LAPAROSCOPIQUES METTANT EN □UVRE UNE EVACUATION DE FUMEE**
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[54] **SYSTEM AND METHOD FOR SURFACE STEERABLE DRILLING TO PROVIDE FORMATION MECHANICAL ANALYSIS**
[54] **SYSTEME ET PROCEDE POUR LE FORAGE ORIENTABLE DE SURFACE POUR FOURNIR UNE ANALYSE MECANIQUE DE LA FORMATION**
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[72] CHEN, TEDDY, US
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[54] **STRUCTURE DE TRANSPORT D'ENERGIE RADIOFREQUENCE (RF) ET/OU MICRO-ONDE, ET DISPOSITIF DE CADRAGE ELECTROCHIRURGICAL EFFRACTIF LA COMPRENANT**
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[72] WHITE, MALCOLM, GB
[72] ULLRICH, GEORGE CHRISTIAN, GB
[72] WEBB, DAVID EDWARD, GB
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[54] **REMOVABLE PACK FOR REACTIVATING A TURBOSHAFT ENGINE, ARCHITECTURE FOR A MULTI-ENGINE SYSTEM FOR PROPELLING A HELICOPTER, PROVIDED WITH SUCH A PACK, AND CORRESPONDING HELICOPTER**
[54] **PACK AMOVIBLE DE REACTIVATION D'UN TURBOMOTEUR, ARCHITECTURE D'UN SYSTEME PROPULSIF D'UN HELICOPTERE MULTI-MOTEUR EQUIPE D'UN TEL PACK ET HELICOPTERE CORRESPONDANT**
[72] SEVE, CAROLINE, FR
[72] DARFEUIL, PIERRE, FR
[72] MARCONI, PATRICK, FR
[72] SERGHINE, CAMEL, FR
[72] THIRIET, ROMAIN, FR
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[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE REEDUCATION MUSCULAIRE**
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[72] RAWAT, PRASHANT B., US
[71] MAINSTAY MEDICAL LIMITED, IE
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[54] **ENSEMBLE SOUPAPE ET PROCEDE DE CONTROLE POUR PUITS D'EXTRACTION EN SITUATION D'URGENCE**
[72] MOLASCHI, CLAUDIO, IT
[72] MALIARDI, ALBERTO, IT
[72] NISTA, ALESSIO, IT
[71] ENI S.P.A., IT
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[54] **DISPOSITIF D'INFUSION DE LIQUIDE SOUS PRESSION A TEMPERATURE CONTROLEE**
[72] KYLE, MATHEW, US
[71] FUSION TOWER, LLC, US
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[54] **PROCEDE ET APPAREIL DE CARBONATATION DE BOISSONS AU MOYEN D'UNE CARTOUCHE**
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[72] MAIDER, RALPH K., US
[72] SACK, MICHAEL, US
[72] RAPHAELSON, STEVEN, US
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[72] PETERSON, PETER RAE, US
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[54] **CATHODE A MATERIAU MELANGE POUR BATTERIES ALCALINES SECONDAIRES**
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[72] GALLAWAY, JOSHUA, US
[72] NYCE, MICHAEL, US
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[54] **PROCEDES DE CONVERSION D'ETHANOL EN HYDROCARBURES INFERIEURS FONCTIONNALISES ET HYDROCARBURES EN AVAL**
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[72] MCGUIRE, NICHOLAS, US
[72] STARKEY, PAUL, US
[72] MANZER, LEO E., US
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[54] **POLYTHERAPIE DESTINEE A ETRE UTILISEE EN CANCEROTHERAPIE**
[72] PATERSON, YVONNE, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **PROCEDES ET APPAREILS POUR TRAITER DES SITES D'INFECTION**
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[71] BIOCIDE PHARMA, INC., US
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[54] **COMPOSITIONS AND METHODS FOR TREATING CNS DISORDERS**
[54] **COMPOSITIONS ET METHODES POUR TRAITER DES TROUBLES DU SNC**
[72] MARTINEZ BOTELLA, GABRIEL, US
[72] SALITURO, FRANCESCO G., US
[72] ROBICHAUD, ALBERT JEAN, US
[72] HARRISON, BOYD L., US
[71] SAGE THERAPEUTICS, INC., US
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[72] KNAUER, WILLIAM, US
[71] LISNR, INC., US
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[54] **WIRE TERMINAL ASSEMBLY AND ADAPTER KIT**
[54] **ENSEMBLE COSSE ET ENSEMBLE ADAPTATEUR**
[72] STORM, BRENT S., US
[71] HUBBELL INCORPORATED, US
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[54] **REMOTE VIEWING OF LARGE IMAGE FILES**
[54] **VISUALISATION A DISTANCE DE GROS FICHIERS D'IMAGE**
[72] HAFEY, CHRISTOPHER, US
[71] NUCLEUSHEALTH, LLC, US
[85] 2017-04-13
[86] 2015-10-15 (PCT/US2015/055754)
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[54] **NOVEL CHIMERIC INSECTICIDAL PROTEINS TOXIC OR INHIBITORY TO LEPIDOPTERAN PESTS**
[54] **NOUVELLES PROTEINES INSECTICIDES CHIMERES TOXIQUES POUR LES LELIPIDOPTERES NUISIBLES OU LES INHIBANT**
[72] BAUM, JAMES A., US
[72] CERRUTI, THOMAS A., US
[72] DART, CRYSTAL L., US
[72] ENGLISH, LEIGH H., US
[72] FU, XIAORAN, US
[72] GUZOV, VICTOR M., US
[72] HOWE, ARLENE R., US
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[72] ROBERTS, JAMES K., US
[72] SALVADOR, SARA A., US
[72] WANG, JINLING, US
[72] FLASINSKI, STANISLAW, US
[71] MONSANTO TECHNOLOGY LLC, US
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[54] **METHODS OF ENHANCING COGNITION AND SYSTEMS FOR PRACTICING THE SAME**
[54] **PROCEDES D'AMELIORATION DE LA COGNITION ET SYSTEMES PERMETTANT DE PRATIQUER CEUX-CI**
[72] GAZZALEY, ADAM, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE CHIFFRER DES IMAGES MEDICALES, DE LES CONVERTIR ET D'INTERAGIR AVEC ELLES**
[72] WESTIN, MARTIN, US
[72] MELIN, JOHANNA WOLLERT, US
[72] NORDGREN, ASA SJOBLOM, US
[72] ERIKSSON, JOHN AXEL, US
[72] THURMAN, AUDREE, US
[71] TRICE IMAGING, INC., US
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[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING PEPTIDE VARIANTS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES VARIANTS DE PEPTIDE ET LEURS PROCEDES D'UTILISATION**
[72] LINDHOUT, DARRIN ANTHONY, US
[72] OLSON, CHARLES V., US
[71] NGM BIOPHARMACEUTICALS, INC., US
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[54] **GENE MODIFIED IMMUNE EFFECTOR CELLS AND ENGINEERED CELLS FOR EXPANSION OF IMMUNE EFFECTOR CELLS**
[54] **CELLULES IMMUNITAIRES EFFECTRICES GENETIQUEMENT MODIFIEES ET CELLULES MANIPULEES POUR L'EXPANSION DE CELLULES IMMUNITAIRES EFFECTRICES**
[72] COOPER, LAURENCE J.N., US
[72] SINGH, HARJEET, US
[72] HULS, HELEN, US
[72] OLIVARES, SIMON, US
[72] JENA, BIPULENDU, US
[72] PATEL, KRINA, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **SYSTEME DE RAMPE RETRACTABLE POUR VEHICULE MOTORISE**
[72] KISER, AARON, US
[72] STONER, JAMES, US
[71] THE BRAUN CORPORATION, US
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[54] **EFFICIENT OPTICAL ANALYSIS OF POLYMERS USING ARRAYS OF NANOSTRUCTURES**
[54] **ANALYSE OPTIQUE EFFICACE DE POLYMERES AU MOYEN DE RESEAUX DE NANOSTRUCTURES**
[72] HUBER, MARTIN, US
[72] DAVIDSON, STUART, US
[71] QUANTAPORE, INC., US
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[54] **SYSTEME DE CONNEXION POUR CABLES DE RESEAU DE DISPOSITIFS D'ENERGIE EN MER DEBRANCHABLES**
[72] CERMELLI, CHRISTIAN, FR
[72] DUARTE, TIAGO, PT
[72] GODREAU, CYRIL, PT
[71] PRINCIPLE POWER, INC., US
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[54] **TRANSPOSITION CONSERVANT LA CONTIGUITE**
[72] STEEMERS, FRANK J., US
[72] GUNDERSON, KEVIN L., US
[72] ZHANG, FAN, US
[72] BETLEY, JASON RICHARD, GB
[72] GORMLEY, NIALL ANTHONY, GB
[72] MEULEMAN, WOUTER, US
[72] WEIR, JACQUELINE, GB
[72] IOANNOU, AVGOUSTA, GB
[72] JENKINS, GARETH, GB
[72] JACKSON, ROSAMOND, GB
[72] MORRELL, NATALIE, GB
[72] POKHOLOK, DMITRY K., US
[72] NORBERG, STEVEN J., US
[72] HE, MOLLY, US
[72] KIA, AMIRALI, US
[72] GORYSHIN, IGOR, US
[72] PANTOJA, RIGO, US
[71] ILLUMINA CAMBRIDGE LIMITED, US
[85] 2017-04-13
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[25] EN
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[54] **SYSTEME DE RECEPTEUR D'ENERGIE NUMERIQUE**
[72] EAVES, STEPHEN, US
[72] LOWE, HARRY, US
[71] VOLTSERVER, INC., US
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[54] **A SCREENING TEST FOR DETECTION OF DEEP VEIN THROMBOSIS**
[54] **TEST DE DEPISTAGE POUR LA DETECTION D'UNE THROMBOSE VEINEUSE PROFONDE**
[72] SIMPSON, LAURENCE, AU
[72] KNUCKEY, LAWRIE, AU
[72] JUNOR, PAUL, AU
[71] EPWORTH RESEARCH INSTITUTE, AU
[71] LA TROBE UNIVERSITY, AU
[71] SIMPSON, LAURENCE, AU
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[54] **PREVISION DE CHARGE NETTE DANS UN RESEAU ELECTRIQUE PUBLIC REPARTI**
[72] ANICHKOV, DMITRIY, US
[72] PAVLOVSKI, ALEXANDRE, US
[71] GREEN POWER LABS INC., CA
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[54] **PRESSING APPARATUS FOR MAGNETIC RESONANCE IMAGING AND SPECTROSCOPY**
[54] **APPAREIL DE PRESSION POUR IMAGERIE PAR RESONANCE MAGNETIQUE ET SPECTROSCOPIE**
[72] HAIDER, MASOOM, CA
[72] KING, SCOTT B., CA
[72] SMITH, MIKE, CA
[72] MATWIY, JAROD, CA
[72] BEWSKY, JOHN CALVIN, CA
[72] LIN, HUNG YU, CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
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[54] **CATALYSEUR ET PROCEDE DE TRAITEMENT DE FLUIDE COMPRENANT UN CONTAMINANT OXYDABLE**
[72] SAFARZDEH-AMIRI, ALI, CA
[71] TROJAN TECHNOLOGIES, CA
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[25] EN
[54] **PREPARATION OF SORBATE ESTER**
[54] **PREPARATION D'ESTER DE SORBATE**
[72] ARUMUGAM, SELVANATHAN, US
[72] ELL, JOHN, US
[72] LV, BO, CN
[72] ROWE, BRANDON, US
[72] STOCKMAN, KENNETH E., US
[72] ZHANG, JIGUANG, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **DISTRIBUTEURS A POMPE**
[72] KNIGHT, SIMON CHRISTOPHER, GB
[72] PRITCHETT, DAVID JOHN, GB
[72] KASTING, THOMAS P., US
[72] BOX, MARK EDWARD, GB
[72] YU, RAYMOND, GB
[71] RIEKE PACKAGING SYSTEMS LIMITED, GB
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[54] **PROCEDE ET DISPOSITIF DE RAFRAICHISSEMENT DE LISTE DE NOUVELLES**
[72] ZHANG, YIMING, CN
[72] ZHOU, JINGJIN, CN
[72] CAO, HUANHUAN, CN
[71] BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD., CN
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[54] **GUIDE SPIRALE DE CENTRAGE**
[72] DEAC, IOANA, CA
[71] MEDTRONIC CRYOCATH LP, CA
[85] 2017-04-18
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[54] **PREPARATION OF A SORBATE ESTER**
[54] **PREPARATION D'UN ESTER DE SORBATE**
[72] ARUMUGAM, SELVANATHAN, US
[72] ELL, JOHN, US
[72] LV, BO, CN
[72] ROWE, BRANDON, US
[72] ZHANG, JIGUANG, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
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[54] **BOUGIE SANS FLAMME AVEC MOUVEMENT SIMULE DE LA FLAMME**
[72] JOHANNSSON, THROSTUR RUNAR, CN
[71] SPALERO LIMITED, CN
[85] 2017-04-18
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[25] EN
[54] **CYLINDER DEVICE AND COVER MEMBER**
[54] **DISPOSITIF FORMANT CYLINDRE ET ELEMENT DE COUVERCLE**
[72] MIWA, MASAHIRO, JP
[72] ANDO, KAZUMA, JP
[72] SUTOU, SHINICHI, JP
[72] OHTA, YASUTAKA, JP
[72] TAKAMI, KOJI, JP
[71] KYB CORPORATION, JP
[71] HONDA MOTOR CO., LTD., JP
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[30] JP (2014-224623) 2014-11-04
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[54] **SEPARATION OF HYDROCARBONS FROM INORGANIC MATERIAL**
[54] **SEPARATION D'HYDROCARBURES A PARTIR DE MATERIAU INORGANIQUE**
[72] WILICHOWSKI, MATHIAS, DE
[72] HANSEN, KNUT, NO
[72] SINGDAHLSEN, EIVIND, NO
[72] HESTENES HANSEN, JOHN A., NO
[71] ENNOX TECHNOLOGY AS, NO
[85] 2017-04-18
[86] 2015-10-21 (PCT/NO2015/000026)
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[25] EN
[54] **BRANCHED TRIGLYCERIDE-BASED FLUIDS USEFUL FOR DIELECTRIC AND/OR HEAT TRANSFER APPLICATIONS**
[54] **FLUIDES A BASE DE TRIGLYCERIDE RAMIFIE UTILES POUR DES APPLICATIONS DIELECTRIQUES ET/OU DE TRANSFERT DE CHALEUR**
[72] GUPTE, KAUSTUBH, IN
[72] CHAUDHARY, BHARAT I., US
[72] DOWNING, DOMONIQUE, US
[72] MCDOUGAL NOLAN T., US
[72] NAIR SREEJIT, IN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **GRAIN-ORIENTED ELECTRICAL STEEL SHEET AND PROCESS FOR PRODUCING SAME**
[54] **TOLE D'ACIER ELECTROMAGNETIQUE A GRAINS ORIENTES ET SON PROCEDE DE PRODUCTION**
[72] TAKAJO, SHIGEHIRO, JP
[72] TODA, HIROAKI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-04-18
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[25] EN
[54] **METHOD FOR COMPENSATING LOAD PEAKS DURING ENERGY GENERATION AND/OR FOR GENERATING ELECTRICAL ENERGY AND/OR FOR GENERATING HYDROGEN, AND A STORAGE POWER PLANT**
[54] **PROCEDE PERMETTANT DE COMPENSER DES POINTES DE CHARGE LORS DE LA PRODUCTION D'ENERGIE ET/OU DE PRODUIRE DE L'ENERGIE ELECTRIQUE ET/OU DE PRODUIRE DE L'HYDROGENE, ET CENTRALE D'ACCUMULATION**
[72] KNOP, KLAUS, DE
[72] PFAB, ROBERT JOSEPH, DE
[72] ZOELLNER, LARS, DE
[71] CARBON-CLEAN TECHNOLOGIES GMBH, DE
[85] 2017-04-18
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[30] DE (10 2014 015 323.1) 2014-10-17
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[54] **SYSTEME DE COMMUNICATION SANS FIL POUR DES TRAINS UTILISANT UNE VOIX SUR WIFI (VOWIFI)**
[72] KARLSSON, MATS, SE
[71] ICOMERA AB, SE
[85] 2017-04-18
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[54] **DETECTION CHIMIQUE ET PHYSIQUE A L'AIDE D'UN LECTEUR ET D'ETIQUETTES RFID**
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[72] AZZARELLI, JOSEPH M., US
[72] RAVNSBAK, JENS BOMHOLDT, US
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[54] **FILTERING MICROSEISMIC EVENTS FOR UPDATING AND CALIBRATING A FRACTURE MODEL**
[54] **FILTRAGE D'EVENEMENTS MICROSISMIQUES POUR LA MISE A JOUR ET L'ETALONNAGE D'UN MODELE DE FRACTURE**
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[54] **REDUCTION D'INCERTITUDE DE SURVEILLANCE MICROSISMIQUE**
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[54] **METHOD OF TESTING AN INFANT AND SUITABLE DEVICE FOR IMPLEMENTING THE TEST METHOD**
[54] **PROCEDE DE TEST D'UN NOURRISSON ET DISPOSITIF ADAPTE POUR METTRE EN OEUVRE LE PROCEDE DE TEST**
[72] GRANIER-DEFERRE, CAROLYN, FR
[72] DECASPER, ANTHONY JAMES, US
[72] HANRION-MONNIER, ELODIE, FR
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[54] **FONCTIONNALITE ANTI-PRE-ACTIONNEMENT ET ANTI-RE-ACTIONNEMENT POUR GARNITURES D'ETANCHEITE EXTRACTIBLES AVEC COINS AU-DESSUS D'ELEMENTS.**
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[54] **SURVEILLANCE DU RAPPORT HUILE/EAU POUR DES FLUIDES DE FORAGE**
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[72] TEODORESCU, SORIN GABRIEL, US
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[54] **WELLBORE TRAJECTORY VISUALIZATION AND RANGING MEASUREMENT LOCATION DETERMINATION**
[54] **VISUALISATION DE TRAJECTOIRE DE PUITS DE FORAGE ET DETERMINATION DE POSITION DE MESURE DE TELEMETRIE**
[72] HAY, RICHARD THOMAS, US
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[54] **ALDEHYDES UTILISES COMME QUE CATALYSEUR POUR AGENT DE RUPTURE OXYDATIVE**
[72] SCHNOOR, ELI ALLEN, US
[72] SINGH, DIPTI, US
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[54] **EQUIPEMENT DE FORAGE HYBRIDE MECANIQUE-LASER**
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[54] **TENSIOACTIFS CATIONIQUES POUR DES APPLICATIONS D'ESQUICHE ANTI-TARTRE**
[72] YUE, ZHIWEI, US
[72] ZHAO, FUNIAN, US
[72] PENG, YANG, US
[72] QU, LIANGWEI, US
[72] FAN, CHUNFANG, US
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[54] **PROCEDES POUR CORRIGER LA DISTORSION DU SPECTRE DE CAPTEURS FFPI INDUITE PAR L'ATTENUATION DEPENDANT DE LA LONGUEUR D'ONDE DYNAMIQUE**
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[72] JAASKELAINEN, MIKKO, US
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[54] **TRAITEMENT MULTI-ETAPE POUR ECAILLES DE SULFURE DE FER**
[72] PENG, YANG, US
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[54] **LOCALISATION DE MULTIPLES PUITS DE FORAGE**
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[72] GUNER, BARIS, US
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[54] **MARCHE COULISSANTE POUR MONTER DANS UN VEHICULE ET DESCENDRE DE CELUI-CI**
[72] ALEMAN, SILVERIO, US
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[54] **PROCEDE ET SYSTEME DE CLASSIFICATION D'EQUIPEMENT**
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[72] BROWN, MICHAEL R., US
[72] MCINTURF, BRENT, US
[72] THOMPSON, ZACHARY, US
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[54] **EQUIPMENT STAGING APPLICATION AND PLATFORM**
[54] **APPLICATION ET PLATEFORME D'INSTALLATION D'EQUIPEMENT**
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[72] TAALMAN, J. R., US
[72] BROWN, MICHAEL R., US
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[54] **STRUCTURE TENSOR CONSTRAINED TOMOGRAPHIC VELOCITY ANALYSIS**
[54] **ANALYSE CONTRAINTE DE VITESSE TOMOGRAPHIQUE DE TENSEUR DE STRUCTURE**
[72] JIN, SHENGWEN, US
[72] XU, SHIYONG, US
[72] XIA, FAN, US
[72] OTTOLINI, RICHARD, US
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[54] **PROCEDES BASES SUR LA PROXIMITE POUR LA SELECTION DE PARTENAIRES DE LIAISON**
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[72] ZHANG, HONGKAI, US
[72] XIE, JIA, US
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[54] **COMPOSITIONS ET METHODES POUR TRAITER DES TROUBLES DU SNC**
[72] MARTINEZ BOTELLA, GABRIEL, US
[72] SALITURO, FRANCESCO G., US
[72] ROBICHAUD, ALBERT JEAN, US
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[54] **ELECTROMECHANICAL PILL DEVICE WITH LOCALIZATION CAPABILITIES**
[54] **DISPOSITIF DE PILULES ELECTROMECANIQUES AVEC CAPACITES DE LOCALISATION**
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[72] LABBE, ALAIN, CA
[72] DRLIK, MARK SASHA, CA
[72] PROCH MCMECHAN, CHRISTIAN TERRY, CA
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[71] LABBE, ALAIN, CA
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[71] PROCH MCMECHAN, CHRISTIAN TERRY, CA
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[54] **REMPLISSAGE, SUIVI ET VERIFICATION A DISTANCE DE RECIPIENTS DE PRODUITS PHARMACEUTIQUES**
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[72] INTILE, JOSEPH, US
[72] GARRETT, STEPHEN A., US
[71] GSL SOLUTIONS, INC., US
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[54] **SYSTEMS, METHODS, AND DEVICES FOR INTELLIGENT SPEECH RECOGNITION AND PROCESSING**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS POUR TRAITEMENT ET RECONNAISSANCE DE PAROLE INTELLIGENTS**
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[71] AUDIMAX, LLC, US
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[54] **DISPOSITIF D'INSPECTION ET PROCEDE D'UTILISATION**
[72] KNOPP, STEVEN, US
[71] KNOPP, STEVEN, US
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[54] **SYSTEME ET PROCEDE POUR LUNETTES DE PROTECTION**
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[72] WILT, BRIAN L., US
[72] ANDREW, MICHAEL A., US
[71] TIDI PRODUCTS, LLC, US
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[54] **IMPLANT DENTAIRE**
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[71] AZENIUM IP LIMITED, NZ
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[54] **BARRIERE STERILE POUR TETES D'ECLAIRAGE CHIRURGICALES**
[72] BETTS, JOSHUA, US
[72] SCOTT, PAUL, US
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[54] **ANALOGUES D'INSULINE HALOGENES A ACTIVITE BIOLOGIQUE AMELIOREE**
[72] WEISS, MICHAEL A., US
[71] CASE WESTERN RESERVE UNIVERSITY, US
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[54] **DISPOSITIF DE LECTURE DE TEST CUTANE, AINSI QUE SYSTEMES ET PROCEDES ASSOCIES**
[72] TVERSKY, JODY ROBERT, US
[72] MACGLASHAN, DONALD WELTON, JR., US
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[54] **LUMINAIRE A CIRCULATION TRAVERSANTE**
[72] SCARLATA, ANDREW FRANCIS, US
[72] FRENKEL, ALEXANDER MICHAEL, US
[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **COMPOSITIONS D'HYDROGEL IMITANT UN TISSU POUR BIOFABRICATION**
[72] SKARDAL, ALEKSANDER, US
[72] SOKER, SHAY, US
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
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[54] **STABLE NEURAL STEM CELLS COMPRISING AN EXOGENOUS POLYNUCLEOTIDE CODING FOR A GROWTH FACTOR AND METHODS OF USE THEREOF**
[54] **CELLULES SOUCHES NEURALES STABLES COMPRENANT UN POLYNUCLEOTIDE EXOGENE CODANT POUR UN FACTEUR DE CROISSANCE ET LEURS METHODES D'UTILISATION**
[72] HAZEL, THOMAS, US
[72] JOHE, KARL K., US
[71] NEURALSTEM, INC., US
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[54] **ENSEMBLES DE SUSPENSION DE TETE DE PUITS ROTATIFS**
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[72] VAGHMASHI, SHAILESH U., US
[72] EMMETT, JACOB C., US
[72] GONZALEZ, RANDY, US
[72] HANSON, ANDREW R., US
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[54] **METHOD AND APPARATUS FOR PRINTING ON AN OBJECT HAVING A CURVED SURFACE**
[54] **PROCEDE ET APPAREIL POUR IMPRIMER SUR UN OBJET AYANT UNE SURFACE INCURVEE**
[72] SILBERT, ROLF, US
[72] ROSATI, ROBERT, US
[72] BUSE, DAVID, US
[72] TAMMER, OLEV, US
[72] MERTEN, MATTHIAS, US
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[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE LIQUIDE**
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[71] FISHMAN CORPORATION, US
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[54] **SYSTEMES ET METHODES POUR THERAPIE VALVULAIRE CARDIAQUE**
[72] GANESAN, KAVITHA, US
[72] VENKATASUBRAMANIAN, RAMJI T., US
[72] FORSBERG, ANDREW T., US
[72] SCHWEICH, CYRIL J., JR., US
[72] MORTIER, TODD J., US
[72] MARTZ, ERIK O., US
[72] KRONE, DOUGLAS J., US
[71] CAISSON INTERVENTIONAL, LLC, US
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[54] **ANALYSE EPIGENOMIQUE BACTERIENNE**
[72] MOTLEY, STANLEY, US
[71] IBIS BIOSCIENCES, INC., US
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[54] **DYNAMIC VOICE OR DATA ROUTING SYSTEMS**
[54] **SYSTEMES DE ROUTAGE DE VOIX OU DE DONNEES DYNAMIQUE**
[72] MACLEOD, JOHN B., US
[71] DYNAMIC VOICE, LLC, US
[85] 2017-04-18
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[54] **SELECTION D'ALGORITHME POUR ARRIERE-PLAN D'INTERFACE UTILISATEUR**
[72] TARIFF, GREGORY, US
[72] LEE, SANG WOOK, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[54] **AIR MOTOR**
[54] **MOTEUR A AIR**
[72] GLAUBER, CARL J., US
[71] WILDEN PUMP AND ENGINEERING LLC, US
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[54] **ALTERING GENE EXPRESSION IN MODIFIED T CELLS AND USES THEREOF**
[54] **MODIFICATION DE L'EXPRESSION GENETIQUE DANS DES LYMPHOCYTES T MODIFIES ET UTILISATIONS ASSOCIEES**
[72] ZHAO, YANGBING, US
[72] REN, JIANGTAO, US
[72] LIU, XIAOJUN, US
[72] JUNE, CARL H., US
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[54] **OUTIL DE MODIFICATION DE LA DISTANCE POUR ECLAIRAGE**
[72] GRANT, ANDREW J., US
[72] COOGLER, ALLEN, US
[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **PORTE D'AERONEF A LINTEAU COMPRESSIBLE**
[72] DREW, DALE, US
[72] WHALEN, PATRICK THOMAS, JR., US
[71] GULFSTREAM AEROSPACE CORPORATION, US
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[54] **ALTERING GENE EXPRESSION IN CART CELLS AND USES THEREOF**
[54] **MODIFICATION DE L'EXPRESSION GENETIQUE DANS LES CELLULES CART ET UTILISATIONS ASSOCIEES**
[72] ZHAO, YANGBING, US
[72] REN, JIANGTAO, US
[72] LIU, XIAOJUN, US
[72] JUNE, CARL H., US
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[25] EN
[54] **METHOD AND APPARATUS FOR SEISMIC STIMULATION OF PRODUCTION HORIZONS OF HYDROCARBON BEARING FORMATIONS**
[54] **PROCEDE ET APPAREIL POUR LA STIMULATION SISMIQUE D'HORIZONS DE PRODUCTION DE FORMATIONS PETROLIFERES**
[72] KOSTROV, SERGEY A., US
[72] WOODEN, WILLIAM O., US
[71] APPLIED SEISMIC RESEARCH CORPORATION, US
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[54] **CONFIGURING MANIFEST FILES REFERENCING INFRASTRUCTURE SERVICE PROVIDERS FOR ADAPTIVE STREAMING VIDEO**
[54] **CONFIGURATION DE FICHIERS DE MANIFESTE REFERENCANT DES FOURNISSEURS DE SERVICES D'INFRASTRUCTURE POUR UNE DIFFUSION VIDEO EN CONTINU ADAPTATIVE**
[72] GORDON, MICHAEL, US
[71] DLVR, INC., US
[85] 2017-04-18
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR MODIFIED T CELLS**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT L'OBTENTION DE LYMPHOCYTES T MODIFIES**
[72] ZHAO, YANGBING, US
[72] LIU, XIAOJUN, US
[72] JUNE, CARL H., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **SYSTEMES ET PROCEDES DE CHAUFFAGE A VIDE ENTRETENU**
[72] ZHADANOVSKY, IGOR, US
[71] ZHADANOVSKY, IGOR, US
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[54] **TARGETED XTEN CONJUGATE COMPOSITIONS AND METHODS OF MAKING SAME**
[54] **COMPOSITIONS DE CONJUGUES XTEN CIBLES ET LEURS PROCEDES DE FABRICATION**
[72] YANG, FAN, US
[72] SCHELLENBERGER, VOLKER, US
[72] DING, SHENG, US
[72] THAYER, DESIREE, US
[72] WANG, CHIA-WEI, US
[71] AMUNIX OPERATING INC., US
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[54] **TREATMENT FOR DEPRESSION AND DEPRESSIVE DISORDERS**
[54] **TRAITEMENT DE LA DEPRESSION ET DES TROUBLES DEPRESSIFS**
[72] VITETTA, LUIS, AU
[72] COULSON, SAMANTHA, AU
[72] HALL, SEAN, AU
[71] MEDLAB IP PTY LTD, AU
[85] 2017-04-19
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[54] **RESIN COMPOSITIONS AND METHODS FOR MAKING AND USING SAME**
[54] **COMPOSITIONS DE RESINES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] RINGOLD, CLAY E., US
[72] TOWNSEND, DAVID F., US
[72] HAGIOPOL, CORNEL, US
[72] JOHNSTON, JAMES W., US
[71] GEORGIA PACIFIC CHEMICALS LLC, US
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[25] EN
[54] **APPARATUS FOR REMOVING AND INSTALLING ELEVATED LIGHT BULBS**
[54] **APPAREIL SERVANT A RETIRER ET INSTALLER DES AMPOULES ELECTRIQUES EN POSITION ELEVEE**
[72] GATSKI, FRANK, US
[71] GATSKI, FRANK, US
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[54] **PROCESS FOR OBTAINING SELF-ADHESIVE LEAFLET-LABEL TAPE, WITHOUT BACKING AND PROTECTION TAPE**
[54] **PROCEDE D'OBTENTION DE BANDE D'ETIQUETTES-NOTICES AUTO-ADHESIFS, SANS BANDE DE SUPPORT ET DE PROTECTION**
[72] ARIPPOL, GIUSEPPE JEFFREY, BR
[71] ARIPPOL, GIUSEPPE JEFFREY, BR
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[54] **POLYMERES PREPARES A PARTIR DE LA MEVALONOLACTONE ET DE SES DERIVES**
[72] DUGAR, DEEPAK, US
[72] FRIEDBERGER, TOBIAS, US
[71] VISOLIS, INC., US
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[54] **COMPOUNDS AND METHODS FOR THE MODULATION OF PROTEINS**
[54] **COMPOSES ET PROCEDES DE MODULATION DES PROTEINES**
[72] CROOKE, STANLEY T., US
[72] LIANG, XUE-HAI, US
[72] SHEN, WEN, US
[71] IONIS PHARMACEUTICALS, INC., US
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[54] **A BIOMOLECULE BASED DATA STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE DE DONNEES BASE SUR DES BIOMOLECULES**
[72] MALIK, GIRIK, IN
[72] DHAR, PAWAN K., IN
[71] MALIK, GIRIK, IN
[71] DHAR, PAWAN K., IN
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[54] **MOUNTING ARRANGEMENT**
[54] **AGENCEMENT DE MONTAGE**
[72] ROBERTS, ANTHONY GERARD, AU
[71] INFINITY RETRACTABLE SCREENS PTY LTD, AU
[85] 2017-04-19
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[25] EN
[54] **CAVITATION REACTOR COMPRISING PULSE VALVE AND RESONANCE CHAMBER**
[54] **REACTEUR A CAVITATION COMPRENANT UNE SOUPAPE A IMPULSIONS ET UNE CHAMBRE DE RESONANCE**
[72] MITTON, MICHAEL JON, CA
[71] MITTON VALVE TECHNOLOGY INC., CA
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[25] EN
[54] **SYSTEMS AND METHODS FOR DYNAMICALLY DETERMINING INFLUENCERS IN A SOCIAL DATA NETWORK USING WEIGHTED ANALYSIS**
[54] **SYSTEMES ET PROCEDES DE DETERMINATION DYNAMIQUE D'INFLUENCEURS DANS UN RESEAU SOCIAL DE DONNEES EN UTILISANT UNE ANALYSE PONDEREE**
[72] KIM, EDWARD DONG-JIN, CA
[72] KENG, BRIAN JIA-LEE, CA
[72] PADMANABHAN, KANCHANA, CA
[71] SYSOMOS L.P., CA
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[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING INFLUENCERS AND THEIR COMMUNITIES IN A SOCIAL DATA NETWORK**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION DE PERSONNES D'INFLUENCE ET DE LEURS COMMUNAUTES DANS UN RESEAU SOCIAL DE DONNEES**
[72] KIM, EDWARD DONG-JIN, CA
[72] KENG, BRIAN JIA-LEE, CA
[71] SYSOMOS L.P., CA
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[30] US (61/895,539) 2013-10-25
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[54] **WATER TREATMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DES EAUX**
[72] BOUTET, ETIENNE, CA
[72] BAILLARGEON, SERGE, CA
[72] LORD, GARFIELD R., TC
[71] BIONEST TECHNOLOGIES INC., CA
[85] 2017-04-19
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[25] EN
[54] **A PANEL WITH INTEGRATED ILLUMATION**
[54] **PANNEAU A ECLAIRAGE INTEGRE**
[72] DOR, ERIC, BE
[72] BRICTEUX, JEAN-MARIE, BE
[72] LE ROY, SEBASTIEN, FR
[72] LALUET, JEAN-YVES, FR
[71] SAINT-GOBAIN ADFORS, FR
[71] ABV S.A.-NV, SOCIETE ANONYME DE DROIT BELGE, BE
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[51] **Int.Cl. C02F 3/00 (2006.01) C02F 3/02 (2006.01)**
[25] EN
[54] **WATER TREATMENT REACTOR**
[54] **REACTEUR DE TRAITEMENT D'EAU**
[72] BOUTET, ETIENNE, CA
[72] BAILLARGEON, SERGE, CA
[72] LORD, GARFIELD R., TC
[71] BIONEST TECHNOLOGIES INC., CA
[85] 2017-04-19
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[51] **Int.Cl. C02F 1/54 (2006.01) B01D 21/01 (2006.01) C07K 1/00 (2006.01) A23J 3/30 (2006.01) C07K 14/415 (2006.01) C07K 14/435 (2006.01) C07K 14/76 (2006.01)**
[25] EN
[54] **MODIFIED PROTEIN MATERIALS, METHODS AND USES THEREOF**
[54] **MATERIAUX PROTEIQUES MODIFIES, PROCEDES ET UTILISATIONS ASSOCIEES**
[72] BRESSLER, DAVID CURTIS, CA
[72] MUSSONE, PAOLO GIUSEPPE, CA
[72] MERCIER, LAUREN GINA, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[25] EN
[54] **FUNGAL ENDOGLUCANASE VARIANTS, THEIR PRODUCTION AND USE**
[54] **VARIANTS D'ENDOGLUCANASES FONGIQUES, LEUR PRODUCTION ET LEUR UTILISATION**
[72] JUNTUNEN, KARI, FI
[72] ALAPURANEN, MARIKA, FI
[72] VALTAKARI, LEENA, FI
[72] MERILAINEN, HANNA-MARI, FI
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[71] AB ENZYMES OY, FI
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[54] **METHOD OF CULTIVATING ALGAE**
[54] **PROCEDE DE CULTURE D'ALGUES**
[72] TANNER, REIJO, FI
[72] SEPPALA, JUKKA, FI
[72] TAMMINEN, TIMO, FI
[72] SPILLING, KRISTIAN, FI
[72] YLOSTALO, PASI, FI
[72] URONEN, PAULIINA, FI
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[54] **SURGICAL DEVICES AND METHODS OF USE THEREOF**
[54] **DISPOSITIFS MEDICAUX ET LEURS PROCEDES D'UTILISATION**
[72] AVERBUCH, DORIAN, IL
[71] AVERBUCH, DORIAN, IL
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[54] **STATE ESTIMATION DEVICE AND METHOD FOR FUEL CELL AND FUEL CELL SYSTEM**
[54] **DISPOSITIF D'ESTIMATION D'ETAT DE PILE A COMBUSTIBLE, PROCEDE D'ESTIMATION D'ETAT ET SYSTEME DE PILE A COMBUSTIBLE**
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[54] **SYSTEME DE MANEGE SUSPENDU**
[72] JENNINGS, CLIFFORD ALLEN, US
[71] OCEANEERING INTERNATIONAL, INC., US
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[54] **MECANISME DE BRAS DE ROBOT**
[72] YOON, WOO-KEUN, JP
[71] LIFE ROBOTICS INC., JP
[85] 2017-04-19
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[54] **POIGNEE DE LEVAGE**
[72] YALE, THOMAS L., US
[71] YALE, THOMAS L., US
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[25] EN
[54] **POLYGLYCOLIC ACID RESIN COMPOSITION, MOLDED PRODUCT FOR WELL DRILLING, AND DOWNHOLE TOOL MEMBER**
[54] **COMPOSITION DE RESINE D'ACIDE POLYGLYCOLIQUE, PRODUIT MOULE DESTINE AU FORAGE DE PUITS ET ELEMENT D'OUTIL DE FOND DE TROU**
[72] KOBAYASHI, TAKUMA, JP
[72] SAIJO, HIKARU, JP
[72] YOSHIDA, KATSUMI, JP
[71] KUREHA CORPORATION, JP
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[54] **METHOD FOR FORMING MULTILAYER COATING FILM**
[54] **PROCEDE DE FORMATION D'UN FILM DE REVETEMENT MULTICOUCHE**
[72] SHINKODA, SHOICHI, JP
[71] KANSAI PAINT CO., LTD., JP
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[54] **TEAT PACK MATERIAL FOR MILK-PRODUCING LIVESTOCK, KIT FOR FORMING TEAT PACK FOR MILK-PRODUCING LIVESTOCK, AND METHOD FOR PREVENTING MASTITIS IN MILK-PRODUCING LIVESTOCK**
[54] **MATERIAU POUR BLOC-TRAYEUR POUR BETAIL PRODUCTEUR DE LAIT, KIT DE FORMATION POUR BLOC-TRAYEUR POUR BETAIL PRODUCTEUR DE LAIT, ET PROCEDE POUR EMPECHER LA MAMMITE CHEZ LE BETAIL PRODUCTEUR DE LAIT**
[72] KONDO, HITOSHI, JP
[72] INUI, YOJI, JP
[72] KAZAMA, HIDEKI, JP
[71] TOKUYAMA CORPORATION, JP
[85] 2017-04-19
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[54] **LIQUID APPLICATOR COMPRISING SINGLE-PIECE BODY**
[54] **APPLICATEUR DE LIQUIDE COMPRENANT UN CORPS D'UNE SEULE PIECE**
[72] DOMBROWSKI, ALAN R., US
[72] LEVESQUE, STEPHANE, CA
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-04-19
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[54] **EYE DROP CONTAINER HAVING IDENTIFYING INDICIA**
[54] **RECIPIENT A GOUTTES OPHTALMIQUES A REPERES D'IDENTIFICATION**
[72] AZUMA YOSHIYUKI, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
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[54] **IN VITRO MODEL FOR A TUMOR MICROENVIRONMENT**
[54] **MODELE IN VITRO POUR MICRO-ENVIRONNEMENT TUMORAL**
[72] WAMHOFF, BRIAN R., US
[72] BLACKMAN, BRETT R., US
[72] FIGLER, ROBERT A., US
[72] GIOELI, DANIEL G., US
[72] SIMMERS, MICHAEL B., US
[71] HEMOSHEAR, LLC, US
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[54] **A SET OF SERVERS FOR "MACHINE-TO-MACHINE" COMMUNICATIONS USING PUBLIC KEY INFRASTRUCTURE**
[54] **ENSEMBLE DE SERVEURS POUR COMMUNICATIONS "DE MACHINE A MACHINE" UTILISANT UNE INFRASTRUCTURE A CLES PUBLIQUES**
[72] NIX, JOHN A., US
[71] M2M AND IOT TECHNOLOGIES, LLC, US
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[54] **METHODS OF TREATING OCULAR CONDITIONS**
[54] **METHODES DE TRAITEMENT DE TROUBLES OCULAIRES**
[72] ACKERMANN, DOUGLAS MICHAEL, JR., US
[72] LOUDIN, JAMES, US
[72] MANDELL, KENNETH J., US
[71] OYSTER POINT PHARMA, INC., US
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[54] **COMPOSITIONS AND METHODS FOR DETECTING AN RNA VIRUS**
[54] **COMPOSITIONS ET PROCEDES POUR LA DETECTION D'UN VIRUS A ARN**
[72] PETERS, LARS, US
[72] JUDICE, STEPHEN A., US
[72] SHAFFER, DANIEL, US
[72] PARKER, BRECK, US
[71] ENVIROLOGIX, INC., US
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[54] **TISSUE SAMPLE PROCESSING SYSTEM AND ASSOCIATED METHODS**
[54] **SYSTEME DE TRAITEMENT D'ECHANTILLONS TISSULAIRES ET PROCEDES ASSOCIES**
[72] GALE, BRUCE K., US
[72] CARRELL, DOUGLAS T., US
[72] MURPHY, KRISTIN, US
[72] HOTALING, JIM, US
[72] SON, JIYOUNG, US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
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[54] **AUTONOMOUS CONTROL SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE COMMANDE AUTONOME**
[72] JUSTIN, RONALD LANCE, US
[72] ELDEN, CHARLES, US
[72] KARRO, JARED, US
[72] TUCKER, MARK, US
[71] TEMPORAL DEFENSE SYSTEMS, LLC, US
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[54] **BREATH ANALYSIS SYSTEMS AND METHODS FOR SCREENING INFECTIOUS DISEASES**
[54] **SYSTEMES ET PROCEDES D'ANALYSE RESPIRATOIRE POUR LE CRIBLAGE DE MALADIES INFECTIEUSES**
[72] WONDKA, ANTHONY D., US
[72] BHATNAGAR, ANISH, US
[71] CAPNIA, INC., US
[85] 2017-04-19
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[54] **METHODS FOR GENERATING 3D PRINTED SUBSTRATES FOR ELECTRONICS ASSEMBLED IN A MODULAR FASHION**
[54] **PROCEDES DE GENERATION DE SUBSTRATS IMPRIMES EN 3D POUR COMPOSANTS ELECTRONIQUES ASSEMBLES DE MANIERE MODULAIRE**
[72] ELMIEH, BABACK, US
[72] PALAN, SAURABH, US
[72] ROBBERTS, ANDREW ALEXANDER, CA
[72] JAIS, ALEXANDRE, US
[71] FACEBOOK, INC., US
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[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCTION OF LOW THERMOPHILE AND LOW SPORE MILK POWDER**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE POUDRE DE LAIT A FAIBLE TENEUR EN THERMOPHILES ET FAIBLE TENEUR EN SPORES**
[72] ZIMMER, ARTUR G., US
[71] CALORIS ENGINEERING, LLC, US
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[54] **SYSTEM AND METHODS FOR NON-INVASIVELY MONITORING AUTONOMIC NERVE ACTIVITY USING SKIN**
[54] **SYSTEME ET PROCEDES DE SURVEILLANCE NON EFFRACTIVE D'ACTIVITE NERVEUSE AUTONOME A L'AIDE DE LA PEAU**
[72] CHEN, PENG-SHENG, US
[71] INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION, US
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[54] **INTERCONNECTED LOCK WITH DIRECT DRIVE FOR ADJUSTABLE DEADBOLT TO LATCHBOLT SPACING**
[54] **SERRURE INTERCONNECTEE A ENTRAINEMENT DIRECT POUR ESPACEMENT REGLABLE ENTRE PENE DORMANT ET PENE DEMI-TOUR**
[72] WONG, WAI P., US
[72] FARIAS, PAVEL, MX
[72] KREHEL, GREGG, US
[72] FOURNIER, BRIAN, US
[72] ZIMMER, TODD, US
[71] SARGENT MANUFACTURING COMPANY, US
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[54] **METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE**
[54] **METHODES ET COMPOSITIONS POUR LE DIAGNOSTIC ET LE PRONOSTIC D'UNE LESION RENALE ET D'UNE INSUFFISANCE RENALE**
[72] ANDERBERG, JOSEPH, US
[72] MCPHERSON, PAUL, US
[72] GRAY, JEFF, US
[72] NAKAMURA, KEVIN, US
[72] KAMPF, JAMES PATRICK, US
[72] KWAN, THOMAS, US
[71] ASTUTE MEDICAL, INC., US
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[54] **TELESCOPING BOOM WEAR PAD IMPROVEMENTS**
[54] **AMELIORATIONS APPORTEES A UNE PLAQUE D'USURE DE BRAS TELESCOPIQUE**
[72] CUNNINGHAM, GAVIN, AU
[71] CIJ ENGINEERED PTY LTD, AU
[85] 2017-04-20
[86] 2015-10-23 (PCT/AU2015/000630)
[87] (WO2016/061612)
[30] AU (2014904267) 2014-10-24
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[25] EN
[54] **SECURITY EVALUATION SYSTEMS AND METHODS FOR SECURE DOCUMENT CONTROL**
[54] **SYSTEMES ET PROCEDES D'EVALUATION DE SECURITE POUR LE CONTROLE DE DOCUMENTS DE SECURITE**
[72] TUCKER, MARK, US
[72] ELDEN, CHARLES, US
[72] KARRO, JARED, US
[72] JUSTIN, RONALD LANCE, US
[71] TEMPORAL DEFENSE SYSTEMS, LLC, US
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[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO DOWN HOLE SURVEYING**
[54] **AMELIORATIONS DANS OU EN RAPPORT AVEC L'ETUDE DE FOND DE TROU**
[72] PARFITT, RICHARD, GB
[72] JABBAL, GURU, AU
[72] OTT, KAI, NL
[71] IMDEX GLOBAL B.V., NL
[85] 2017-04-20
[86] 2015-10-23 (PCT/AU2015/000634)
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[54] **CASSETTE DE STOCKAGE DE DIOXYDE D'AZOTE**
[72] GELLMAN, BARRY N., US
[72] TAJUDEEN, EDDIE, US
[72] GAMERO, LUCAS, US
[72] HOPKINS, JOSHUA, US
[72] BROMBERG, ED, US
[72] DENTON, RYAN, US
[72] JOHNSON, BRIAN J., US
[72] FINE, DAVID H., US
[71] GENO LLC, US
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[54] **CART WITH REMOVABLE WHEEL BASE**
[54] **CHARIOT A BASE DE ROUE AMOVIBLE**
[72] CHURCHVARA, JEFFREY, US
[72] VELLUTATO, ARTHUR L., JR., US
[72] GUDESBLAT, YEFIM, US
[72] GUDESBLAT, VLADISLAV, US
[71] VELTEK ASSOCIATES, INC., US
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[54] **SCALPEL POUR PRATIQUER UNE CESARIENNE**
[72] HU, LINA, CA
[72] LI, HUAFENG, CA
[72] ZHANG, JI, CA
[71] JMD INNOVATION INC., CA
[85] 2017-04-20
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[54] **INFLATABLE INTRAUTERINE BALLOON**
[54] **BALLONNET INTRA-UTERIN GONFLABLE**
[72] HU, LINA, CA
[72] LI, HUAFENG, CA
[72] ZHANG, JI, CA
[71] JMD INNOVATION INC., CA
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[25] EN
[54] **CD83 BINDING PROTEINS AND USES THEREOF**
[54] **PROTEINES DE LIAISON CD83 ET LEURS UTILISATIONS**
[72] CASEY, JOANNE L, AU
[72] COLEY, ANDREW M, AU
[71] DENDROCYTE BIOTECH PTY LTD, AU
[85] 2017-04-20
[86] 2015-10-23 (PCT/AU2015/000635)
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[25] EN
[54] **USE OF THERAPEUTIC AGENTS**
[54] **UTILISATION D'AGENTS THERAPEUTIQUES**
[72] COULTAS, LEIGH, AU
[72] DEWSON, GRANT, AU
[72] WATSON, EMMA, AU
[71] THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH, AU
[85] 2017-04-20
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[25] EN
[54] **WHEELCHAIR SEAT ASSEMBLY**
[54] **ENSEMBLE SIEGE DE FAUTEUIL ROULANT**
[72] GINGRAS, DAVID, CA
[72] COUTURE, PIERRE-ANDRE, CA
[72] HENAULT, LUC, CA
[71] MOTION COMPOSITES INC, CA
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[86] 2015-10-22 (PCT/CA2015/051075)
[87] (WO2016/061693)
[30] US (62/067,084) 2014-10-22

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[25] EN
[54] **THROTTLING SOLUTIONS INTO A LEGACY INVENTORY SYSTEM DURING A SERVICE DISRUPTION**
[54] **SOLUTIONS DE RALENTISSEMENT ARTIFICIEL DU TRAFIC DANS UN SYSTEME D'INVENTAIRE PATRIMONIAL PENDANT UNE PERTURBATION DE SERVICE**
[72] MILLER, HAROLD ROY, CA
[71] SOLUTION TECHNOLOGY INCORPORATED, BB
[85] 2017-04-20
[86] 2015-10-20 (PCT/CA2015/051057)
[87] (WO2016/061675)
[30] US (62/066,281) 2014-10-20

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[25] EN
[54] **A METHOD OF TREATMENT**
[54] **PROCEDE DE TRAITEMENT**
[72] VAN DER WEERDEN, NICOLE LOUISE, AU
[72] ANDERSON, MARILYN ANNE, AU
[71] HEXIMA LIMITED, AU
[85] 2017-04-19
[86] 2015-05-29 (PCT/AU2015/050293)
[87] (WO2016/061619)
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[25] EN
[54] **METHODS AND DEVICES RELATING TO SOLID STATE LIGHTING**
[54] **PROCEDES ET DISPOSITIFS SE RAPPORTANT A UN ECLAIRAGE A SEMI-CONDUCTEURS**
[72] WELLS, MARK, CA
[71] REGULUS SOLUTIONS INC., CA
[85] 2016-12-23
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[51] **Int.Cl. A61G 3/08 (2006.01) B60P 3/073 (2006.01)**
[25] EN
[54] **MOBILITY SECUREMENT SYSTEM**
[54] **SYSTEME DE FIXATION DE MOBILITE**
[72] HAMMARSKJOLD, CHRISTIAN, US
[72] BALEF, VLAD, US
[72] BRZEZNIAK, STANLEY, US
[72] KRUEGER, JEFFREY, US
[72] MOFFA, MICHAEL D., US
[72] SMITH-COHEN, DAN, US
[72] VIDRI, PAUL, US
[71] 4ONE, LLC, US
[85] 2017-01-13
[86] 2015-07-14 (PCT/US2015/040405)
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[51] **Int.Cl. G03G 21/00 (2006.01)**
[25] EN
[54] **IMAGE FORMING DEVICE, EXCHANGE UNIT AND METHOD FOR DETERMINING EXCHANGE UNIT**
[54] **DISPOSITIF DE FORMATION D'IMAGE, UNITE D'ECHANGE ET PROCEDE POUR DETERMINER UNE UNITE D'ECHANGE**
[72] OGAWA, TOSHITAKA, JP
[72] ARIKAWA, HIROO, JP
[72] KUWANA, YUJI, JP
[71] SOC CORPORATION, JP
[85] 2017-04-13
[86] 2014-10-17 (PCT/JP2014/077713)
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[51] **Int.Cl. B01D 46/52 (2006.01) F24F 13/28 (2006.01)**
[25] EN
[54] **DUST COLLECTOR HAVING VERTICAL FILTERS AND A FILTER CARRIAGE**
[54] **COLLECTEUR DE POUSSIERE AYANT DES FILTRES VERTICAUX ET UN SUPPORT DE FILTRE**
[72] BRISEBOIS, MARTIN, CA
[72] HOULE, DENIS, CA
[72] SIROIS, MICHEL, CA
[71] AIREAU QUALITE CONTROLE INC., CA
[85] 2017-04-20
[86] 2015-10-22 (PCT/IB2015/058169)
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[25] EN
[54] **PRODUCTION METHOD FOR NERVE TISSUE**
[54] **PROCEDE DE PRODUCTION DE TISSU NERVEUX**
[72] KUWAHARA, ATSUSHI, JP
[72] YAMASAKI, SUGURU, JP
[72] HIRAMINE, YASUSHI, JP
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[71] RIKEN, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2017-04-20
[86] 2015-10-23 (PCT/JP2015/080016)
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[30] JP (2014-217867) 2014-10-24

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[25] EN
[54] **THERAPY FOR INHIBITION OF SINGLE-STRANDED RNA VIRUS REPLICATION**
[54] **THERAPIE POUR L'INHIBITION DE LA REPLICATION D'UN VIRUS A ARN SIMPLE BRIN**
[72] FATHI, REZA, US
[72] BEN-ASHER, DROR, IL
[72] GOLDBERG, GUY, IL
[71] REDHILL BIOPHARMA LTD., IL
[85] 2017-04-20
[86] 2015-10-23 (PCT/IB2015/002173)
[87] (WO2016/063134)
[30] US (62/068,465) 2014-10-24
[30] US (62/068,487) 2014-10-24
[30] US (62/068,492) 2014-10-24
[30] US (62/068,477) 2014-10-24
[30] US (62/068,469) 2014-10-24
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[51] **Int.Cl. B25B 27/14 (2006.01) F16C 3/02 (2006.01)**
[25] EN
[54] **UNIVERSAL PITMAN ARM PULLER**
[54] **EXTRACTEUR DE BIELLE PENDANTE UNIVERSEL**
[72] ANDREWS, MICHAEL, CA
[71] TIGER TOOL INTERNATIONAL INCORPORATED, CA
[85] 2017-04-20
[86] 2015-10-23 (PCT/IB2015/002481)
[87] (WO2016/063140)
[30] US (62/068,389) 2014-10-24

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[51] **Int.Cl. H01Q 11/08 (2006.01)**
[25] EN
[54] **MULTIFILAR HELIX ANTENNA**
[54] **ANTENNE HELICOIDALE MULTIFILAIRE**
[72] OHGREN, MIKAEL, SE
[72] JOHANSSON, JOAKIM, SE
[72] DIMMING, PATRIK, SE
[71] RUAG SPACE AB, SE
[85] 2017-04-20
[86] 2014-10-20 (PCT/SE2014/051233)
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[25] EN
[54] **ELECTRICALLY CONDUCTIVE MATERIAL AND LAMINATE**
[54] **MATERIAU CONDUCTEUR D'ELECTRICITE ET STRATIFIE**
[72] OGATA, NAOYA, JP
[72] SADA, TSUTOMU, JP
[71] PIOTREK CO., LTD., JP
[85] 2017-04-20
[86] 2015-10-19 (PCT/JP2015/080046)
[87] (WO2016/063994)
[30] JP (2014-228420) 2014-10-22

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[25] EN
[54] **FIBER STRUCTURE FOR USE AS CELL SCAFFOLD MATERIAL**
[54] **STRUCTURE FIBREUSE DESTINEE A ETRE UTILISEE COMME MATERIAU D'ECHAUFAUDAGE CELLULAIRE**
[72] KADOWAKI, KOJI, JP
[72] KUGA, CHISA, JP
[72] FUJITA, MASAKI, JP
[72] TANAHASHI, KAZUHIRO, JP
[72] YAMADA, SATOSHI, JP
[72] KANEKO, TAKAYUKI, JP
[72] TSUCHIKURA, HIROSHI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-04-20
[86] 2015-10-30 (PCT/JP2015/080675)
[87] (WO2016/068279)
[30] JP (2014-222967) 2014-10-31

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[51] **Int.Cl. E21B 17/00 (2006.01) E21B 10/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANUFACTURING DOWNHOLE TOOL COMPONENTS**
[54] **SYSTEME ET PROCEDE DE FABRICATION D'ELEMENTS D'OUTIL DE FOND DE TROU**
[72] WONG, ALSTON JUN NGAI, SG
[72] KEW, JIA MING, SG
[72] HO, DOREN HUI PING, SG
[72] CHAN, GUAN YEE, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-20
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[87] (WO2016/085452)

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[25] EN
[54] **DRILLING ASSEMBLY HAVING A TILTED OR OFFSET DRIVESHAFT**
[54] **ENSEMBLE DE FORAGE A ARBRE D'ENTRAINEMENT INCLINE OU DECALE**
[72] JONES, STEPHEN, US
[72] SAVAGE, JOHN KEITH, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2014-12-29 (PCT/US2014/072516)
[87] (WO2016/108817)

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[25] EN
[54] **REAL-TIME CONTROL OF DRILLING FLUID PROPERTIES USING PREDICTIVE MODELS**
[54] **REGLAGE EN TEMPS REEL DE PROPRIETES DE FLUIDE DE FORAGE A L'AIDE DE MODELES PREDICTIFS**
[72] DYKSTRA, JASON D., US
[72] SUN, ZHIJIE, US
[72] XUE, YUZHEN, US
[72] BU, FANPING, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-20
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[87] (WO2016/108908)

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[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING A VEHICLE**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'UN VEHICULE**
[72] NORSTAD, TIM P., US
[72] GILLINGHAM, BRIAN R., US
[72] FIELDS, JASON R., US
[72] BRADY, LOUIS J., US
[72] NELSON, STEPHEN L., US
[71] POLARIS INDUSTRIES INC., US
[85] 2017-04-20
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[25] EN
[54] **PINNED COUPLING WITH SHIMS FOR ELECTRICAL SUBMERSIBLE PUMP**
[54] **ACCOUPLEMENT ARTICULE A CALES POUR CALES POUR POMPE ELECTRIQUE IMMERGEE**
[72] REEVES, BRIAN PAUL, US
[72] WANG, CHENGBAO, US
[72] HOWELL, STEVEN ALAN, US
[71] GE OIL & GAS ESP, INC., US
[85] 2017-04-20
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[54] **DEVICE AND METHODS FOR PRECISE CONTROL OF MEDICAL PROCEDURES**
[54] **DISPOSITIF ET PROCEDES DE CONTROLE PRECIS D'ACTES MEDICAUX**
[72] KATKAR, AMOL SURYAKANT, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYTEM, US
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[86] 2014-11-03 (PCT/US2014/063704)
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[54] **CATHETER FOR TAVR PROCEDURES**
[54] **CATHETER POUR PROCEDURES ITVA**
[72] HELMER, GREGORY, US
[71] HELMER, GREGORY, US
[85] 2017-04-20
[86] 2015-10-23 (PCT/US2015/057147)
[87] (WO2016/065278)
[30] US (62/068,403) 2014-10-24

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[51] **Int.Cl. H04W 84/18 (2009.01) H04B 7/185 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DYNAMIC WIRELESS AERIAL MESH NETWORK**
[54] **SYSTEME ET PROCEDE POUR RESEAU MAILLE ANTENNAIRE SANS FIL DYNAMIQUE**
[72] MAZZARELLA, JOSEPH R., US
[72] WENGROVITZ, MICHAEL S., US
[71] MUTUALINK, INC., US
[85] 2017-04-20
[86] 2015-10-19 (PCT/US2015/056147)
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[51] **Int.Cl. A01K 15/02 (2006.01)**
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[54] **LOCKING ROTATING CHEW**
[54] **BLOCAGE DE LA ROTATION D'ARTICLE A MACHER**
[72] AXELROD, GLEN S., US
[72] GAJRIA, AJAY, IN
[71] T.F.H. PUBLICATIONS, INC., US
[85] 2017-04-20
[86] 2015-10-20 (PCT/US2015/056305)
[87] (WO2016/064778)
[30] US (14/518,450) 2014-10-20

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[51] **Int.Cl. B25B 27/06 (2006.01) F16C 35/06 (2006.01)**
[25] EN
[54] **BEARING RACE INSTALLER/REMOVER**
[54] **DISPOSITIF D'INSTALLATION/DE RETRAIT DE CHEMIN DE ROULEMENT**
[72] ANDREWS, MICHAEL, CA
[71] TIGER TOOL INTERNATIONAL INCORPORATED, CA
[85] 2017-04-20
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[54] **VH4 ANTIBODIES AGAINST GRAY MATTER NEURON AND ASTROCYTE**
[54] **ANTICORPS VH4 DIRIGES CONTRE LES ASTROCYTES ET LES NEURONES DE LA MATIERE GRISE**
[72] MONSON, NANCY, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2017-04-20
[86] 2014-11-07 (PCT/US2014/064533)
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[51] **Int.Cl. G01J 3/28 (2006.01)**
[25] EN
[54] **LASER SENSOR FOR TRACE GAS DETECTION**
[54] **CAPTEUR LASER POUR DETECTION DE TRACES DE GAZ**
[72] YALIN, AZER P., US
[71] COLORADO STATE UNIVERSITY RESEARCH FOUNDATION, US
[85] 2017-04-20
[86] 2015-10-20 (PCT/US2015/056495)
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[51] **Int.Cl. E21B 47/00 (2012.01) E21B 47/002 (2012.01) G01N 21/17 (2006.01) G01V 3/18 (2006.01)**
[25] EN
[54] **BACKSCATTERING SPECTROMETRY FOR DETERMINING A CONCENTRATION OF SOLIDS IN A SOLIDS-LADEN FLUID**
[54] **SPECTROMETRIE DE RETRODIFFUSION POUR DETERMINER UNE CONCENTRATION DE SOLIDES DANS UN FLUIDE CHARGE DE SOLIDES**
[72] YE, XIANGNAN, US
[72] JAMISON, DALE E., US
[72] MCDANIEL, CATO RUSSELL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-20
[86] 2014-11-24 (PCT/US2014/067096)
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[13] A1
[51] **Int.Cl. A61K 31/535 (2006.01)**
[25] EN
[54] **SMALL-MOLECULE INHIBITORS TARGETING DISCOIDIN DOMAIN RECEPTOR 1 AND USES THEREOF**
[54] **INHIBITEURS A PETITES MOLECULES CIBLANT LE RECEPTEUR DU DOMAINE DISCOIDINE 1 ET SES UTILISATIONS**
[72] BREKKEN, ROLF A., US
[72] DING, KE, CN
[72] REN, XIAOMEI, CN
[72] TU, ZHENGCHAO, CN
[72] WANG, ZHEN, CN
[72] AGUILERA, KRISTINA Y., US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[71] GUANGZHOU INSTITUTES OF BIOMEDICINE AND HEALTH, CHINESE ACADEMY OF SCIENCES, CN
[85] 2017-04-20
[86] 2015-10-21 (PCT/US2015/056611)
[87] (WO2016/064970)
[30] US (62/067,070) 2014-10-22
[30] US (62/204,176) 2015-08-12

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[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **IDENTIFICATION TOKEN IN A COLLABORATION CONFERENCING SYSTEM**
[54] **JETON D'IDENTIFICATION DANS UN SYSTEME DE CONFERENCE COLLABORATIVE**
[72] UZELAC, ADAM C., US
[72] ELLISON, GREGORY T., US
[72] BROADWORTH, ANDREW J., US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-04-20
[86] 2015-10-22 (PCT/US2015/056928)
[87] (WO2016/065155)
[30] US (14/522,177) 2014-10-23

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[51] **Int.Cl. E21B 17/02 (2006.01) F16L 15/00 (2006.01)**
[25] EN
[54] **FRICTION BASED THREAD LOCK FOR HIGH TORQUE CARRYING CONNECTIONS**
[54] **FREIN-FILET A FRICTION POUR RACCORDEMENTS SUPPORTANT UN COUPLE ELEVE**
[72] D'SILVA, ALBEN, CA
[72] ROY CHOUDHURY, NEIL, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **DETERMINING THE LEACHING PROFILE OF A CUTTER ON A DRILLING TOOL**
[54] **DETERMINATION DU PROFIL DE LIXIVIATION D'UN DISPOSITIF DE COUPE SUR UN OUTIL DE FORAGE**
[72] LIANG, QI, US
[72] SAINI, GAGAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-20
[86] 2014-11-24 (PCT/US2014/067109)
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[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **CONFERENCING INTELLIGENCE ENGINE IN A COLLABORATION CONFERENCING SYSTEM**
[54] **MOTEUR D'INTELLIGENCE DE CONFERENCE DANS UN SYSTEME DE CONFERENCE COLLABORATIVE**
[72] UZELAC, ADAM C., US
[72] ELLISON, GREGORY T., US
[72] BROADWORTH, ANDREW J., US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-04-20
[86] 2015-10-22 (PCT/US2015/056941)
[87] (WO2016/065160)
[30] US (14/522,200) 2014-10-23

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[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **SUBSCRIPTION/NOTIFICATION OF A CONFERENCE IN A COLLABORATION CONFERENCING SYSTEM**
[54] **ABONNEMENT/NOTIFICATION RELATIF A UNE CONFERENCE DANS UN SYSTEME DE CONFERENCE COLLABORATIVE**
[72] UZELAC, ADAM C., US
[72] ELLISON, GREGORY T., US
[72] BROADWORTH, ANDREW J., US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-04-20
[86] 2015-10-22 (PCT/US2015/056950)
[87] (WO2016/065165)
[30] US (14/522,220) 2014-10-23

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[51] **Int.Cl. H04N 5/225 (2006.01)**
[25] EN
[54] **CAMERA APPLICATION**
[54] **APPLICATION D'APPAREIL DE PRISE DE VUE**
[72] WRIGHT, PAUL, AU
[72] MONTOYA, CATHERINE, AU
[72] PHYU, MAY HNIN, AU
[72] HARYONO, ERICK, AU
[72] NAM, JEONG KWANG, AU
[72] ZEAITER, CHARBEL ANTHONY, AU
[71] BEEZBUTT PTY LIMITED, AU
[85] 2017-04-21
[86] 2015-10-26 (PCT/AU2015/050660)
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[30] AU (2014904256) 2014-10-24

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[13] A1
[51] **Int.Cl. G01N 1/10 (2006.01) C12M 1/30 (2006.01) C12Q 1/24 (2006.01) G01N 1/28 (2006.01)**
[25] EN
[54] **APPARATUSES FOR STERILELY DELIVERING FLUID**
[54] **APPAREILS POUR DISTRIBUER UN FLUIDE DE MANIERE STERILE**
[72] HANNIS, JAMES C., US
[72] CHIESL, THOMAS N., US
[72] DRADER, JARED J., US
[72] HOFSTADLER, STEVEN A., US
[72] BERGOLD, RONALD K., US
[72] GLEASON, PAUL J., US
[72] HANNIS, ZACHARY T., US
[72] WHEELER, SHERILYNN M., US
[71] IBIS BIOSCIENCES, INC., US
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[54] **IMPLANTABLE NASAL STIMULATOR SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE STIMULATEUR NASAL IMPLANTABLE**
[72] FRANKE, MANFRED, US
[72] LOUDIN, JAMES DONALD, US
[72] KUZMA, JANUSZ, AU
[72] YUN, PAUL TAEHYUN, US
[72] ACKERMANN, DOUGLAS MICHAEL, US
[71] OCULEVE, INC., US
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[25] EN
[54] **HEURISTICS FOR MEDIA DISPENSING IN AUTOMATED TELLER MACHINES (ATMS)**
[54] **HEURISTIQUE POUR DISTRIBUTION DE SUPPORTS DANS DES GUICHETS AUTOMATIQUES BANCAIRES**
[72] KOOPMAN, MARK ANTHONY, CA
[72] WALDEN, CHRISTOPHER CARLE SIEGRIED, CA
[71] PHOENIX INTERACTIVE DESIGN, INC., CA
[85] 2017-04-21
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[87] (WO2016/061678)
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[54] **SYSTEME D'ATTELAGE/D'ABSORPTION D'ENERGIE DE VEHICULE DE CHEMIN DE FER**
[72] JAMES, KENNETH A., US
[72] SCHOEDL, ERICH A., US
[71] MINER ENTERPRISES, INC., US
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[86] 2015-11-12 (PCT/US2015/060456)
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[51] **Int.Cl. F01D 5/18 (2006.01)**
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[54] **IMPINGEMENT COOLED TURBINE ENGINE COMPONENT**
[54] **ENSEMBLE DE COMPOSANTS DE MOTEUR**
[72] BERGHOLZ, ROBERT FREDERICK, US
[72] ALLEN, JASON RANDOLPH, US
[72] BRIGGS, ROBERT DAVID, US
[72] FELDMANN, KEVIN ROBERT, US
[72] STOVER, CURTIS WALTON, US
[72] WEBSTER, ZACHARY DANIEL, US
[72] REITER, FERNANDO, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **METHODS OF REDUCING MAMMOGRAPHIC BREAST DENSITY AND/OR BREAST CANCER RISK**
[54] **PROCEDE DE REDUCTION DE DENSITE MAMMAIRE MONOGRAPHIQUE ET/OU DE RISQUE DE CANCER DU SEIN**
[72] BIRRELL, STEPHEN NIGEL, AU
[71] HAVAH THERAPEUTICS PTY LTD, AU
[85] 2017-04-21
[86] 2015-10-22 (PCT/AU2015/000633)
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[25] EN
[54] **APPARATUS AND SYSTEM FOR ELECTRO-FUSION OF POLYETHYLENE PIPELINE**
[54] **APPAREIL ET SYSTEME D'ELECTRO-FUSION DE CANALISATION EN POLYETHYLENE**
[72] BOCZKOWSKI, PAWEL, CA
[72] BRANDON, MARK PHILLIP, CA
[72] KOUDELKA, JEREMY JOSEPH, CA
[72] TAILOR, DILIP, CA
[72] LAFERRIERE, PASCAL, CA
[71] SHAWCOR LTD., CA
[85] 2017-04-21
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[51] **Int.Cl. F01D 5/18 (2006.01) F23R 3/00 (2006.01)**
[25] EN
[54] **FILM COOLED ENGINE COMPONENT FOR A GAS TURBINE ENGINE**
[54] **ELEMENT DE MOTEUR DESTINE A UNE TURBINE A GAZ**
[72] BUNKER, RONALD SCOTT, US
[72] STONE, TIMOTHY DERYCK, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-04-20
[86] 2015-10-28 (PCT/US2015/057718)
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[25] EN
[54] **ANTI-ADHESION INTRAUTERINE BALLOON**
[54] **BALLONNET INTRA-UTERIN ANTI-ADHERENCE**
[72] HU, LINA, CA
[72] LI, HUAFENG, CA
[72] ZHANG, JI, CA
[71] JMD INNOVATION INC., CA
[85] 2017-04-21
[86] 2015-10-22 (PCT/CA2015/051074)
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[25] EN
[54] **SYSTEMS AND METHODS FOR SYNCING A HOST COMPUTER WITH A VARIETY OF EXTERNAL DEVICES**
[54] **SYSTEMES ET PROCEDES POUR SYNCHRONISER UN ORDINATEUR HOTE AVEC UNE VARIETE DE DISPOSITIFS EXTERNES**
[72] LI, WEN, US
[71] MEGGITT TRAINING SYSTEMS, INC. (MTSI), US
[85] 2017-04-20
[86] 2015-10-29 (PCT/US2015/057953)
[87] (WO2016/069841)
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[25] EN
[54] **GENETIC ENCODING OF CHEMICAL POST-TRANSLATIONAL MODIFICATION FOR PHAGE-DISPLAYED LIBRARIES**
[54] **CODAGE GENETIQUE D'UNE MODIFICATION CHIMIQUE POST-TRADUCTIONNELLE POUR BANQUES DE PEPTIDES EXPOSES SUR PHAGES**
[72] DERDA, RATMIR, CA
[72] KITOV, PAVEL, CA
[72] NG, SIMON, CA
[72] TJHUNG, KATRINA FELICIA, CA
[72] FERRER VINALS, DANIEL, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[25] EN
[54] **RADIO RESOURCE CONTROL RRC MESSAGE PROCESSING METHOD, APPARATUS, AND SYSTEM**
[54] **SYSTEME, APPAREIL ET PROCEDE DE TRAITEMENT DE MESSAGE DE COMMANDE DE RESSOURCE RADIO RRC**
[72] LIN, BO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-04-21
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[54] **CONSTANT-POWER DOUBLE-SPEED CONTROL SYSTEM AND CONTROL METHOD BASED ON DC BRUSHLESS ELECTRIC TOOLS**
[54] **SYSTEME DE COMMANDE ET PROCEDE DE COMMANDE A PUISSANCE CONSTANTE ET DOUBLE VITESSE REPOSANT SUR UN OUTIL ELECTRIQUE A COURANT CONTINU SANS BALAI**
[72] WANG, DEHONG, CN
[72] LI, BIAO, CN
[72] LIU, YI, CN
[71] CHANGZHOU GLOBE CO., LTD., CN
[85] 2017-04-21
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[25] EN
[54] **DOUBLE-INSULATED MOTOR AND PINION DEVICE**
[54] **DISPOSITIF DE MOTEUR ET DE PIGNON A DOUBLE ISOLATION**
[72] LI, JIANBO, CN
[71] CHANGZHOU GLOBE CO., LTD., CN
[85] 2017-04-21
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[87] (WO2016/062129)
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[54] **MOBILE POWER SUPPLY FOR GARDEN TOOLS**
[54] **SOURCE D'ENERGIE PORTABLE POUR OUTIL DE JARDINAGE**
[72] JI, ZHENGGAN, CN
[71] CHANGZHOU GLOBE CO., LTD., CN
[85] 2017-04-21
[86] 2015-07-20 (PCT/CN2015/084525)
[87] (WO2016/062131)
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[51] **Int.Cl. F04D 29/32 (2006.01) F04D 29/38 (2006.01)**
[25] EN
[54] **AXIAL-FLOW AIR BLOWER FAN BLADES**
[54] **PALE DE VENTILATEUR SOUFFLANT A FLUX AXIAL**
[72] SHANGGUAN, YUNJIE, CN
[72] LUO, LI, CN
[71] CHANGZHOU GLOBE CO., LTD., CN
[85] 2017-04-21
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[25] EN
[54] **INTERFERON .ALPHA.2.BETA. VARIANTS**
[54] **VARIANTES DE L'INTERFERON A2B**
[72] BEHRENS, COLLETTE, AU
[72] DOYLE, ANTHONY, AU
[72] CLARKE, ADAM, AU
[72] POLLARD, MATTHEW, AU
[72] DOMAGALA, TERESA, AU
[71] TEVA PHARMACEUTICALS AUSTRALIA PTY LTD, AU
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[25] EN
[54] **CELLULOSE BASED FUNCTIONAL COMPOSITES, ENERGY STORAGE DEVICES AND MANUFACTURING METHODS THEREOF**
[54] **COMPOSITES FONCTIONNELS A BASE DE CELLULOSE, DISPOSITIFS DE STOCKAGE D'ENERGIE ET LEURS PROCEDES DE FABRICATION**
[72] KUNNARI, VESA, FI
[72] KAUKONIEMI, OTTO-VILLE, FI
[71] TEKNOLOGIAN TUTKIMUSKESKUS VTT OY, FI
[85] 2017-04-21
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[54] **RADIOTHERAPIE GUIDEE PAR IRM**
[72] PANTHER, ALEX, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-04-21
[86] 2014-11-04 (PCT/IB2014/065776)
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[51] **Int.Cl. C22B 3/04 (2006.01) C22B 3/24 (2006.01)**
[25] EN
[54] **PROCESS FOR METAL EXTRACTION WITH SORPTION LEACHING IN WET SOLIDS**
[54] **PROCEDE D'EXTRACTION DE METAL AVEC LIXIVIATION ET SORPTION DANS DES MATIERES SOLIDES HUMIDES**
[72] SPIRIDONOV, PAVEL, AU
[72] HEIN, HANS CHRISTIAN, CL
[72] HEIN HOERNIG, RICARDO OLIVER, CL
[71] INNOVECO AUSTRALIA PTY. LTD., AU
[71] ORYXEIO INGENIERIA LIMITADA, CL
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[25] EN
[54] **THREE COMPONENT SALTS OF FUMARIC ACID MONOMETHYL ESTER WITH PIPERAZINE OR ETHYLENE DIAMINE FOR THE TREATMENT OF MULTIPLE SCLEROSIS**
[54] **SELS TERNAIRES D'ESTER MONOMETHYLIQUE D'ACIDE FUMARIQUE ASSOCIES A LA PIPERAZINE OU A L'ETHYLENEDIAMINE POUR LE TRAITEMENT DE LA SCLEROSE EN PLAQUES**
[72] KANDULA, MAHESH, IN
[71] CELLIX BIO PRIVATE LIMITED, IN
[85] 2017-04-21
[86] 2014-12-29 (PCT/IN2014/000800)
[87] (WO2016/098119)
[30] IN (5330/CHE/2014) 2014-10-27

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[25] EN
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[54] **ANTICORPS MONOCLONAL ANTI-GAS6 HUMAIN**
[72] UBE, YUKO, JP
[72] YAMADA, TSUYOSHI, JP
[72] YAMAZAKI, YUJI, JP
[72] KIMURA, KANAME, JP
[72] HARIGUCHI, AKIKO, JP
[72] OGAWA, SHINYA, JP
[71] KYOWA HAKKO KIRIN CO., LTD., JP
[85] 2017-04-21
[86] 2015-10-20 (PCT/JP2015/005291)
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[30] US (62/066,687) 2014-10-21

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[51] **Int.Cl. F03B 17/06 (2006.01)**
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[54] **THERMAL TORQUE ENGINE**
[54] **MOTEUR A COUPLE THERMIQUE**
[72] SPARKMAN, SCOTT, US
[71] SPARKMAN, SCOTT, US
[85] 2017-04-21
[86] 2014-10-24 (PCT/US2014/062204)
[87] (WO2015/061703)
[30] US (14/062,529) 2013-10-24

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[51] **Int.Cl. G06Q 50/10 (2012.01) H04W 4/02 (2009.01) H04W 8/18 (2009.01) H04W 84/10 (2009.01) G06F 21/34 (2013.01) G06F 21/44 (2013.01) G06K 7/10 (2006.01) G06K 19/07 (2006.01) G07B 15/00 (2011.01) G07G 1/12 (2006.01) G07G 1/14 (2006.01)**
[25] EN
[54] **MOBILE TERMINAL, MOBILE TERMINAL PROGRAM, CHECKPOINT MANAGEMENT SYSTEM, AND CHECKPOINT MANAGEMENT METHOD**
[54] **TERMINAL MOBILE, PROGRAMME DE TERMINAL MOBILE, SYSTEME DE GESTION DE POINT DE CONTROLE, ET PROCEDE DE GESTION DE POINT DE CONTROLE**
[72] YANO, KOICHI, JP
[71] THE AQUA ENTERPRISE COMPANY, JP
[85] 2017-04-21
[86] 2015-10-20 (PCT/JP2015/079590)
[87] (WO2016/063878)
[30] JP (2014-217002) 2014-10-24

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[13] A1
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[25] EN
[54] **HETEROCYCLIC COMPOUND**
[54] **COMPOSE HETEROCYCLIQUE**
[72] BANNO, YOSHIHIRO, JP
[72] KAMAURA, MASAHIRO, JP
[72] TAKAMI, KAZUAKI, JP
[72] FUKUDA, KOICHIRO, JP
[72] SASAKI, SHIGEKAZU, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2017-04-21
[86] 2015-10-22 (PCT/JP2015/079782)
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[30] JP (2014-217770) 2014-10-24

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[13] A1
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[25] EN
[54] **KCNQ2-5 CHANNEL ACTIVATOR**
[54] **ACTIVATEUR DES CANAUX KCNQ2-5**
[72] YASHIRO, KENTARO, JP
[72] WAKAMATSU, DAISUKE, JP
[72] SAITO, TETSUJI, JP
[71] ONO PHARMACEUTICAL CO., LTD., JP
[85] 2017-04-21
[86] 2015-10-23 (PCT/JP2015/080034)
[87] (WO2016/063990)
[30] JP (2014-217540) 2014-10-24

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[13] A1
[51] **Int.Cl. C12P 17/12 (2006.01) C12N 9/02 (2006.01) C12N 9/04 (2006.01) C12N 9/10 (2006.01) C12N 9/90 (2006.01) C12N 15/52 (2006.01)**
[25] EN
[54] **BENZYLISOQUINOLINE ALKALOID (BIA) PRECURSOR PRODUCING MICROBES, AND METHODS OF MAKING AND USING THE SAME**
[54] **MICROBES PRODUISANT DES PRECURSEURS D'UN ALCALOIDE, LA BENZYLISOQUINOLINE, ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] SIDDIQUI, MICHAEL SHAREEF, US
[72] SMOLKE, CHRISTINA D., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2017-04-21
[86] 2014-11-03 (PCT/US2014/063738)
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[30] US (61/899,496) 2013-11-04

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[25] EN
[54] **AXIAL RETENTION CONNECTION FOR A DOWNHOLE TOOL**
[54] **CONNEXION A RETENTION AXIALE POUR UN OUTIL DE FOND DE TROU**
[72] SADABADI, HAMID, CA
[72] CHOUDHURY, NEIL ROY, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-21
[86] 2014-12-17 (PCT/US2014/070861)
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[13] A1
[51] **Int.Cl. A61K 31/4709 (2006.01) A61K 9/20 (2006.01) A61K 47/02 (2006.01) A61K 47/10 (2017.01) A61K 47/26 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **SOLID PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE SOLIDE**
[72] UCHIDA, HIROSHI, JP
[72] HANADA, MASATAKA, JP
[72] MIYAZAKI, YOSHIKAZU, JP
[71] KYORIN-PHARMACEUTICAL CO., LTD., JP
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[72] CRAWFORD, TIMOTHY, US
[72] DELGADO, JUAN, US
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[54] **METHODS AND COMPOSITIONS FOR SCREENING MOLECULAR FUNCTION COMPRISING CHIMERIC MINIMOTIFS**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT LE DEPISTAGE DE FONCTION MOLECULAIRE COMPRENANT DES MINI-MOTIFS CHIMERIQUES**
[72] SCHILLER, MARTIN R., US
[72] STRONG, CHRISTY L., US
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[54] **DRAINAGE POUR TRONCON TELESCOPIQUE D'UNE TIGE DE POSE**
[72] SKINNES, KENNETH, NO
[71] WELLPARTNER AS, NO
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[54] **ROUTEUR D'ENERGIE MULTI-MODE**
[72] RAYNER, MARK DOUGLAS, US
[72] LIU, YU, US
[72] GERHOLD, RICHARD ROBERT, US
[72] JIAO, DA, US
[71] TOSHIBA INTERNATIONAL CORPORATION, US
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[71] EURUS AIRTECH AB, SE
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[54] **AUDIT METHOD AND SYSTEM AND SUPPLY METHOD AND SYSTEM FOR PV POWER INJECTION AND CONSUMPTION IN A POWER GRID SYSTEM**
[54] **PROCEDE ET SYSTEME DE CONTROLE, PROCEDE ET SYSTEME D'ALIMENTATION POUR INJECTION ET CONSOMMATION D'ENERGIE PHOTOVOLTAIQUE DANS UN SYSTEME DE RESEAU ELECTRIQUE**
[72] PELOSO, MATTHEW, SG
[71] SUN ELECTRIC PTE LTD, SG
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[54] **POWER GRID SYSTEM AND METHOD OF CONSOLIDATING POWER INJECTION AND CONSUMPTION IN A POWER GRID SYSTEM**
[54] **SYSTEME DE RESEAU ELECTRIQUE ET PROCEDE DE REGROUPEMENT D'INJECTION ET DE CONSOMMATION D'ENERGIE DANS UN SYSTEME DE RESEAU ELECTRIQUE**
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[54] **SYSTEME DE PILOTE AUTOMATIQUE, ET COMPOSANTS ET PROCEDES ASSOCIES**
[72] SHEFFER, TZAFRIR, US
[72] SHEFFER, YARDEN, US
[71] SHEFFER, TZAFRIR, US
[71] SHEFFER, YARDEN, US
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[54] **TRAITEMENT COMBINE D'INHIBITION DE LA PERTE DES CHEVEUX**
[72] KUNIN, DAVID BEN, US
[71] BEAUTOPIA LLC, US
[71] KUNIN, DAVID BEN, US
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[54] **SYSTEM AND METHOD FOR AUTOMATIC CALCULATION OF CYBER-RISK IN BUSINESS-CRITICAL APPLICATIONS**
[54] **SYSTEME ET PROCEDE POUR LE CALCUL AUTOMATIQUE DE CYBER-RISQUE DANS DES APPLICATIONS VITALES POUR L'ENTREPRISE**
[72] FAUSTO, EMILIANO JOSE, AR
[72] GUTESMAN, EZEQUIEL DAVID, AR
[72] BURRONI, JAVIER, AR
[71] ONAPSIS, INC., US
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[54] **SYSTEME D'ALIGNEMENT OPTIQUE**
[72] MCCREIGHT, ROBERT JOSEPH, JR., US
[71] BURLE TECHNOLOGIES, LLC, US
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[54] **LENTILLE DE CONTACT PERMETTANT UNE AUGMENTATION DE LA PRODUCTION DE LARMES**
[72] LOUDIN, JAMES DONALD, US
[72] FRANKE, MANFRED, US
[72] HAMILTON, DANIEL N., US
[72] DORAISWAMY, ANAND, US
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[54] **SURVIVIN SPECIFIC T-CELL RECEPTOR TARGETING TUMOR BUT NOT T CELLS**
[54] **RECEPTEUR DES LYMPHOCYTES T SPECIFIQUE DE LA SURVIVINE CIBLANT LES TUMEURS MAIS PAS LES LYMPHOCYTES T**
[72] SAVOLDO, BARBARA, US
[72] DOTTI, GIANPIETRO, US
[72] ARBER BARTH, CAROLINE EVA, US
[71] BAYLOR COLLEGE OF MEDICINE, US
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[54] **THERMOPLASTIC POLYURETHANE FILM FOR DELIVERY OF ACTIVE AGENTS TO SKIN SURFACES**
[54] **FILM POLYURETHANNE THERMOPLASTIQUE POUR ADMINISTRER DES AGENTS ACTIFS AUX SURFACES CUTANEES**
[72] WALDER, ANTHONY J., US
[72] MARTIN, MIREIA, ES
[72] KULKARNI, PALLAVI, US
[72] BASONE, PAUL M., US
[72] MENDEZ, SANDRA, ES
[72] LANKOWSKI, SHAWN, US
[72] MARCHANT, NANCY S., US
[72] CEBRIAN PUCHE, JUAN, ES
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[54] **PROCEDES ET APPAREIL POUR ACTIVER DES SERVICES DE PROXIMITE DANS DES RESEAUX MOBILES**
[72] MIAO, GUOWANG, US
[71] MIAO, GUOWANG, US
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[54] **UTILISATION D'ARN ACELLULAIRE CIRCULANT POUR LE DIAGNOSTIC ET/OU LA SURVEILLANCE DU CANCER**
[72] DANENBERG, KATHLEEN, US
[71] LIQUID GENOMICS, INC., US
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[54] **METHODS FOR CO-PRODUCTION OF ALKYLBENZENE AND AN OLEOCHEMICAL FROM NATURAL OILS**
[54] **PROCEDES DE CO-PRODUCTION D'ALKYLBENZENE ET DE PRODUIT OLEOCHIMIQUE A PARTIR D'HUILES NATURELLES**
[72] ELLIG, DANIEL L., US
[72] BOZZANO, ANDREA G., US
[71] UOP LLC, US
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[54] **DETECTION ET REGULATION DE STIMULATION CARDIAQUE**
[72] SANGHERA, RICK, US
[72] MARCOVECCHIO, ALAN, US
[72] MCGEEHAN, SEAN, US
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[54] **PROCEDE ET SYSTEME POUR LA DETECTION D'AGENTS PATHOLOGIQUES DANS LE SANG**
[72] WOOD, BAYDEN R., AU
[72] HERAUD, PHILLIP, AU
[72] PEREZ-GUAITA, DAVID, AU
[71] MONASH UNIVERSITY, AU
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[54] **SYSTEM AND METHOD FOR REAL TIME DETECTION AND PREVENTION OF SEGREGATION OF DUTIES VIOLATIONS IN BUSINESS-CRITIAL APPLICATIONS**
[54] **SEPARATION EN TEMPS REEL DE RESPONSABILITES POUR DES APPLICATIONS VITALES**
[72] GUTESMAN, EZEQUIEL DAVID, AR
[72] ETCHEGOYEN, JUAN PABLO PEREZ, AR
[72] MULLER, PABLO, AR
[72] RAPISARDI, JULIAN, AR
[71] ONAPSIS, INC., US
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[54] **METHOD AND APPARATUS FOR CLADDING A SURFACE OF AN ARTICLE**
[54] **PROCEDE ET UN APPAREIL DE REVETEMENT D'UNE SURFACE D'UN ARTICLE**
[72] HOOPER, GREGORY, AU
[71] LASERBOND LIMITED, AU
[85] 2017-04-24
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[54] **VEGETAUX MODIFIES**
[72] WU, PING, CN
[72] CHEN, JIEYU, CN
[71] ZHEJIANG UNIVERSITY, CN
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[25] EN
[54] **METHOD AND APPARATUS FOR USING EXCESS HEAT FROM POWER PLANT FLUE GAS TO DRY BIOMASS FUEL**
[54] **PROCEDE ET APPAREIL POUR UTILISER UN EXCES DE CHALEUR PROVENANT DE GAZ DE COMBUSTION DE CENTRALE ELECTRIQUE POUR SECHER UN CARBURANT DE BIOMASSE**
[72] CHEN, YILONG, CN
[72] HU, SHUCHUAN, CN
[72] ZHANG, YANFENG, CN
[71] ZHONGYING CHANGJIANG INTERNATIONAL NEW ENERGY INVESTMENT CO., LTD., CN
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[54] **PORCS TRIPLES TRANSGENIQUES APPROPRIES POUR LA XENOGREFFE**
[72] TECTOR, JOSEPH A., US
[71] INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION, US
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[54] **ENGINEERING VEHICLE HAVING BALLAST UNLOADING DEVICE AND BALLAST LEVELLING DEVICE**
[54] **VEHICULE DE CONSTRUCTION A DISPOSITIF DE DECHARGEMENT DE BALLAST ET A DISPOSITIF DE NIVELLEMENT DE BALLAST**
[72] CHEN, WEI, CN
[72] LIN, LIANGCAI, CN
[72] TANG, CHUQIANG, CN
[72] WANG, BAOLEI, CN
[72] LIU, JUNXIANG, CN
[72] YIN, XUEFENG, CN
[72] LEI, QINGPING, CN
[72] CHEN, RUI, CN
[72] SHI, FENG, CN
[72] SUI, WEI, CN
[72] MEI, KUN, CN
[72] ZHANG, NAN, CN
[72] HE, YAN, CN
[72] HE, LUYAO, CN
[71] CSR YANGZE CO., LTD., CN
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[54] **MECHANICAL FILTER FOR FRYER AND FILTERING MEMBRANE SUPPORT FOR SAME**
[54] **FILTRE MECANIQUE POUR FRITEUSE, ET SUPPORT DE MEMBRANE DE FILTRAGE POUR CE DERNIER**
[72] TURCOTTE, MARIO, CA
[71] QUALI-FRIT INC., CA
[85] 2017-04-24
[86] 2015-10-22 (PCT/CA2015/051076)
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[30] US (62/067,111) 2014-10-22
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[25] EN
[54] **PROCESS FOR REMOVING H2S FROM GAS STREAM BY CALCIUM BASED REACTION SEPARATION**
[54] **PROCEDE POUR ELIMINER LE H2S D'UN FLUX GAZEUX PAR SEPARATION PAR REACTION BASEE SUR LE CALCIUM**
[72] CHABOT, STEPHANE, CA
[72] CHAREST, YVES, CA
[72] BEAULIEU, MARTIN, CA
[72] MAHFOUD, ABDERRAHMAN, CA
[71] EXP SERVICES INC., CA
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[54] **ACTIVE ACRYLAMIDES**
[54] **ACRYLAMIDES ACTIFS**
[72] FELZMANN, WOLFGANG, AT
[72] BRUNNER, STEFANIE, AT
[72] LENGAUER, HANNES, AT
[71] SANDOZ AG, CH
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[54] **COMPOSITE MANUFACTURING WITH A MULTI-DIMENSIONAL ARRAY OF INDEPENDENTLY-CONTROLLABLE THERMAL ZONES**
[54] **FABRICATION DE COMPOSITE AYANT UN RESEAU MULTIDIMENSIONNEL DE ZONES THERMIQUES A CONTROLE INDEPENDANT**
[72] BURNS, LAUREN A., US
[72] OSBORNE, MAX M., US
[72] SZARSKI, MARTIN A., US
[72] LIGETI, RONNIE K., US
[72] POOK, DAVID, US
[72] GLYNN, ANDREW K., US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **AIRCRAFT ENGINE FAN SPEED DISPLAY IMPROVEMENTS FOR ENHANCED MONITORING AND THRUST SETTING ABILITY**
[54] **AMELIORATIONS DE L'AFFICHAGE DE LA VITESSE DE VENTILATEUR DE MOTEUR D'AERONEF DESTINEES A AMELIORER LA SURVEILLANCE ET LA CAPACITE D'ETABLISSEMENT DE POUSSEE**
[72] HODGES, CHRISTOPHER M., US
[72] BROWN, KEVIN S., US
[71] THE BOEING COMPANY, US
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[54] **AUTOMATIC TABLE-TOP MACHINE FOR KNEADING AND EXTRUDING PASTA**
[54] **MACHINE DE TABLE AUTOMATIQUE DESTINEE A PETRIR ET EXTRUDER LES PATES**
[72] PORCARI, GABRIELE, IT
[71] IMPERIA & MONFERRINA S.P.A., IT
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[54] **PROCESS AND METHOD FOR FABRICATING WEARABLE AND FLEXIBLE MICROFLUIDIC DEVICES AND SYSTEMS**
[54] **PROCEDE ET METHODE DE FABRICATION DE DISPOSITIFS MICROFLUIDIQUES PORTABLES ET FLEXIBLES, ET SYSTEMES**
[72] CHUNG, DAEHAN, CA
[72] GRAY, BONNIE, CA
[71] SIMON FRASER UNIVERSITY, CA
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[54] **METHOD AND APPARATUS FOR REAL-TIME AND ROBUST STRAIN IMAGING**
[54] **METHODE ET APPAREIL D'IMAGERIE DE SOUCHE ROBUSTE EN TEMPS REEL**
[72] SHARAFAT, AHMAD R., CA
[72] REZAJOO, SAEED, CA
[71] SHARAFAT, AHMAD R., CA
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[54] **RECYCLED WATER AND SOLIDS MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DES SOLIDES ET DE L'EAU RECYCLES**
[72] STEPHENSON, ROBERT JOHN, CA
[72] KORO, JYRKI, CA
[71] TRUCK WASH TECHNOLOGIES INC., CA
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[54] **DECAL PRINTING PAPER FOR CERAMICS**
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[72] MANWILLER, RONALD, US
[71] ENDURING IMAGES, INC., US
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[54] **BEVERAGE CARBONATION SYSTEM AND METHOD**
[54] **APPAREIL DE CARBONATATION DE BOISSON ET METHODE**
[72] TIPTON, GUY, CA
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[72] HOLLAND, BARRY G., CA
[71] HOLLAND, BARRY G., CA
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[54] **SYSTEM AND METHOD FOR PROCESSING COIN DEPOSITS AND WITHDRAWALS IN AN AUTOMATED BANKING MACHINE**
[54] **SYSTEME ET METHODE DE TRAITEMENT DES DEPOTS ET RETRAITS DE MONNAIE DANS UN GUICHET AUTOMATIQUE**
[72] MISENER, CHRISTOPHER PAUL HARRISON, CA
[71] CANADIAN IMPERIAL BANK OF COMMERCE, CA
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[54] **NAPHTHOFURAN COMPOUNDS AND COMPOSITIONS FOR TARGETING CANCER STEM CELLS**
[54] **COMPOSES DE NAPHTHOFURANE ET COMPOSITIONS DESTINEES A CIBLER LES CELLULES SOUCHES DE CANCER**
[72] LI, CHIANG JIA, US
[72] LEGGETT, DAVID, US
[72] LI, YOUZHI, US
[72] LI, WEI, US
[71] BOSTON BIOMEDICAL, INC., US
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[54] **COATING COMPOSITION COMPRISING SUBMICRON CALCIUM CARBONATE-COMPRISING PARTICLES, PROCESS TO PREPARE SAME AND USE OF SUBMICRON CALCIUM CARBONATE-COMPRISING PARTICLES IN COATING COMPOSITIONS**
[54] **COMPOSITION DE REVETEMENT COMPRENANT DES PARTICULES SUBMICRONIQUES CONTENANT DU CARBONATE DE CALCIUM, SON PROCEDE DE PREPARATION ET UTILISATION DESDITES PARTICULES SUBMICRONIQUES CONTENANT DU CARBONATE DE CALCIUM DANS DES COMPOSITIONS DE REVETEMENT**
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[72] FREEMAN, CHARLES, US
[71] OMYA INTERNATIONAL AG, CH
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[54] **METHODS FOR TREATING EYE DISORDERS**
[54] **PROCEDES DE TRAITEMENT DE TROUBLES OCULAIRES**
[72] FEINSTEIN, ELENA, IL
[72] ALPERT, EVGENIA, IL
[72] METT, IGOR, IL
[72] BAR-ILAN, AMIR, IL
[72] SPIVAK, IGOR, IL
[72] KALINSKI, HAGAR, IL
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[54] **METHODS AND APPARATUSES FOR OBTAINING A HEAVY OIL PRODUCT FROM A MIXTURE**
[54] **METHODES ET APPAREILS PERMETTANT D'OBTENIR UN PRODUIT DE PETROLE LOURD A PARTIR D'UN MELANGE**
[72] KHALEDI, RAHMAN, CA
[72] BOONE, THOMAS J., CA
[72] DITTARO, LARRY M., CA
[72] HAN, WENQIANG, CA
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[54] **COMPOUNDS FOR THE TREATMENT OF CANCER**
[54] **COMPOSES DESTINES AU TRAITEMENT DU CANCER**
[72] MILLER, DUANE D., US
[72] LI, WEI, US
[72] WANG, ZHAO, US
[72] LU, YAN, US
[72] CHEN, JIANJUN, US
[72] DALTON, JAMES T., US
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[71] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US
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[54] **ROUTAGE D'APPELANTS A PARTIR D'UN ENSEMBLE D'APPELANTS DANS LE DESORDRE**
[72] SPOTTISWOODE, S. JAMES P., US
[72] XIE, QIAOBING, US
[71] AFINITI INTERNATIONAL HOLDINGS, LTD., BM
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[72] WHEELER, SIMON P., H., US
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[54] **ROTOR POUR TURBOMACHINES A AUBES CARENEES**
[72] CALZA, PAOLO, IT
[72] GRILLO, ROSARIO, IT
[72] SALVANO, SERGIO, IT
[71] GE AVIO S.R.L., IT
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[54] **METHOD FOR THE TREATMENT OF HYPERCHOLESTEROLEMIA**
[54] **PROCEDE DE TRAITEMENT DE L'HYPERCHOLESTEROLEMIE**
[72] MAJEED, MUHAMMED, US
[72] NAGABHUSHANAM, KALYANAM, US
[72] MAJEED, ANJU, US
[72] BANI, SARANG, IN
[72] PANDEY, ANJALI, IN
[71] MAJEED, MUHAMMED, US
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[54] **NOUVELLE UTILISATION DE COMPOSES IL-1BETA**
[72] LOWE, PHIL, CH
[72] GRAM, HERMANN, DE
[72] JUNG, THOMAS, AT
[72] WRIGHT, TIMOTHY, US
[72] MUNDEL, TREVOR, US
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[54] **TRI-ARYL COMPOUNDS AND COMPOSITIONS COMPRISING THE SAME**
[54] **COMPOSES TRIARYLES ET COMPOSITIONS LES COMPRENANT**
[72] GAZIT, AVIV, IL
[72] SLAVIN, SHIMON, IL
[72] PRIEL, ESTHER, IL
[72] YITZCHAK, SARA, IL
[71] BEN-GURION UNIVERSITY OF THE NEGEV RESEARCH AND DEVELOPMENT AUTHORITY, IL
[71] GAZIT, AVIV, IL
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[54] **KETOLIDE COMPOUNDS**
[54] **COMPOSES CETOLIDES**
[72] TRIVEDI, BHARAT, IN
[72] DESHPANDE, PRASAD, IN
[72] TADIPARTHI, RAVIKUMAR, IN
[72] GUPTA, SUNIL, IN
[72] DIWAKAR, SANTOSH, IN
[72] PAWAR, SHIVAJI, IN
[72] PATIL, VIJAY, IN
[72] DEKHANE, DEEPAK, IN
[72] BHAVSAR, SATISH, IN
[72] MISHRA, AMIT, IN
[72] SOLANKI, MANISH, IN
[72] JAFRI, MOHAMMAD, IN
[72] BHAGWAT, SACHIN, IN
[72] PATEL, MAHESH, IN
[71] WOCKHARDT LIMITED, IN
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[54] **TREATMENT OF IMATINIB RESISTANT LEUKEMIA USING 4-AMINOQUINOLINE-3-CARBONITRILES HAVING MUTATION IN THE BCRABL GENE**
[54] **TRAITEMENT DE LEUCEMIE RESISTANT A L'IMATINIB EN UTILISANT DES 4-AMINOQUINOLINE-3-CARBONITRILES AYANT UNE MUTATION DANS LE GENE BCR-ABL**
[72] HEWES, BECKER, US
[71] WYETH LLC, US
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[51] **Int.Cl. A63B 71/06 (2006.01) A63B 69/36 (2006.01) G06N 3/02 (2006.01) G06N 3/08 (2006.01) G01D 3/032 (2006.01)**
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[54] **APPARATUS AND METHOD FOR ANALYSING A GOLF SWING**
[54] **APPAREIL ET PROCEDE D'ANALYSE D'UN SWING**
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[71] MOONEY, BRIAN FRANCIS, IE
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[54] **YEAST EXPRESSING CELLULASES FOR SIMULTANEOUS SACCHARIFICATION AND FERMENTATION USING CELLULOSE**
[54] **LEVURE EXPRIMANT DES CELLULASES POUR SACCHARIFICATION ET FERMENTATION SIMULTANEES UTILISANT LA CELLULOSE**
[72] MCBRIDE, JOHN, US
[72] BREVNOVA, ELENA, US
[72] GHANDI, CHHAYAL, US
[72] MELLON, MARK, US
[72] FROEHLICH, ALAN, US
[72] DELEAULT, KRISTEN, US
[72] RAJGARHIA, VINEET, US
[72] FLATT, JIM, US
[72] VAN ZYL, EMILE, FI
[72] DEN HAAN, RIAAN, FI
[72] LAGRANGE, DANIE, FI
[72] ROSE, SHAUNITA, FI
[72] PENTTILA, MERJA, ZA
[72] ILMEN, MARJA, ZA
[72] SIIKA-AHO, MATTI, ZA
[72] UUSITALO, JAANA, ZA
[72] HAU, HEIDI HANSON, US
[72] RICE, CHARLES, US
[72] VILLARI, JEFF, US
[72] STONEHOUSE, EMILY A., US
[72] GILBERT, ALAN, US
[72] KEATING, JEFFREY D., US
[72] XU, HAOWEN, US
[72] WILLES, DEIDRE, US
[72] SHIKHARE, INDRANEEL, US
[72] THORNGREN, NAOMI, US
[72] WARNER, ANNE K., US
[72] MURPHY, DAN, US
[71] UNIVERSITEIT STELLENBOSCH, SA
[71] LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC, HU
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[54] **STATOR ASSEMBLY AND SHIFTING MECHANISM FOR A CONTINUOUSLY VARIABLE TRANSMISSION**
[54] **ENSEMBLE STATOR ET MECANISME DE CHANGEMENT DE VITESSE POUR UNE TRANSMISSION A VARIATION CONTINUE**
[72] NICHOLS, JON M., US
[72] STEVENSON, GREGORY G., US
[72] POHL, BRAD P., US
[72] THOMASSY, FERNAND A., US
[72] LOHR, CHARLES B., US
[72] CARTER, JEREMY, US
[72] SHERRILL, JOHN W., US
[72] SWEET, BRIAN B., US
[71] FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC, US
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[51] **Int.Cl. G10L 19/00 (2013.01)**
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[54] **JITTER BUFFER CONTROL, AUDIO DECODER, METHOD AND COMPUTER PROGRAM**
[54] **COMMANDE DE MEMOIRE TAMPON DE GIGUE, DECODEUR AUDIO, PROCEDE ET PROGRAMME INFORMATIQUE**
[72] REUSCHL, STEFAN, DE
[72] DOHLA, STEFAN, DE
[72] LECOMTE, JEREMIE, DE
[72] JANDER, MANUEL, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[41] 2014-12-24
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[30] EP (13173159.8) 2013-06-21
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[51] **Int.Cl. G10L 19/00 (2013.01) H04L 12/885 (2013.01)**
[25] EN
[54] **JITTER BUFFER CONTROL, AUDIO DECODER, METHOD AND COMPUTER PROGRAM**
[54] **COMMANDE DE MEMOIRE TAMPON DE GIGUE, DECODEUR AUDIO, PROCEDE ET PROGRAMME INFORMATIQUE**
[72] REUSCHL, STEFAN, DE
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[54] **SIMIAN SUBFAMILY E ADENOVIRUSES SADV-39, -25.2, -26, -30, -37, AND -38 AND USES THEREOF**
[54] **ADENOVIRUS SIMIENS SADV-39, -25.2, -26, -30, -37, ET -38 DE LA SOUS-FAMILLE E ET UTILISATIONS DE CEUX-CI**
[72] ROY, SOUMITRA, US
[72] WILSON, JAMES M., US
[72] VANDENBERGHE, LUC H., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[51] **Int.Cl. C40B 40/08 (2006.01) C07K 16/00 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C40B 30/04 (2006.01) C40B 40/02 (2006.01) C40B 50/00 (2006.01)**
[25] EN
[54] **RATIONALLY DESIGNED, SYNTHETIC ANTIBODY LIBRARIES AND USES THEREFOR**
[54] **BIBLIOTHEQUES D'ANTICORPS SYNTHETIQUES RATIONNELLES ET LEURS UTILISATIONS**
[72] VASQUEZ, MAXIMILIANO, US
[72] FELDHAUS, MICHAEL, US
[72] GERNGROSS, TILLMAN U., US
[72] WITTRUP, K. DANE, US
[71] ADIMAB, LLC, US
[22] 2008-09-12
[41] 2009-03-19
[62] 2,697,193
[30] US (60/993,785) 2007-09-14

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[21] **2,964,531**
[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **GAMING AND/OR ENTERTAINMENT DEVICE**
[54] **DISPOSITIF DE JEU OU DE DIVERTISSEMENT**
[72] GAWEL, MAREK, AT
[71] NOVOMATIC AG, AT
[22] 2009-01-21
[41] 2009-07-30
[62] 2,712,066
[30] DE (20 2008 000 841.7) 2008-01-21

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[51] **Int.Cl. G01N 27/416 (2006.01) G01N 27/403 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **ADHESIVE COMPOSITION FOR USE IN AN IMMUNOSENSOR**
[54] **COMPOSITION ADHESIVE POUR UTILISATION DANS UN CAPTEUR IMMUNOLOGIQUE**
[72] CHATELIER, RONALD C., AU
[72] RYLATT, DENNIS, AU
[71] CILAG GMBH INTERNATIONAL, CH
[22] 2010-09-28
[41] 2011-03-30
[62] 2,715,896
[30] US (12/570,268) 2009-09-30

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[21] **2,964,555**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTION OF INTESTINAL, AND BLOOD-BRAIN BARRIER PERMEABILITY AND TESTING MATERIALS THERETO**
[54] **METHODE POUR LA DETECTION DE LA PERMEABILITE INTESTINALE ET DE LA BARRIERE HEMATOENCEPHALIQUE ET MATERIAUX D'ESSAI POUR CELLE-CI**
[72] VOJDANI, ARISTO, US
[71] CYREX LABORATORIES, LLC, US
[22] 2012-01-26
[41] 2012-08-02
[62] 2,828,194
[30] US (61/437,244) 2011-01-28

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[21] **2,964,559**
[13] A1
[51] **Int.Cl. C12P 19/34 (2006.01) C12Q 1/68 (2006.01) C12N 9/12 (2006.01)**
[25] EN
[54] **REDUCED INHIBITION OF ONE-STEP RT-PCR**
[54] **INHIBITION REDUITE D'ACP DE RT EN UNE SEULE ETAPE**
[72] GONG, XIAO-SONG, US
[72] WANG, YAN, US
[71] BIO-RAD LABORATORIES, INC., US
[22] 2008-11-25
[41] 2009-06-04
[62] 2,706,444
[30] US (61/004,516) 2007-11-27

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[21] **2,964,560**
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[51] **Int.Cl. B42F 13/26 (2006.01) B42F 3/04 (2006.01)**
[25] EN
[54] **RING BINDER MECHANISM HAVING DUAL TIME BUFFER ACTUATOR**
[54] **MECANISME DE RELIURE A ANNEAUX A DEUX POUSSOIRS TEMPORISES**
[72] HUANG, MING HUA, CN
[72] LI, YUN LONG, CN
[71] WORLD WIDE STATIONERY MANUFACTURING CO., LTD., HK
[22] 2011-01-10
[41] 2011-07-14
[62] 2,727,358
[30] CN (201010003177.9) 2010-01-14
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[21] **2,964,584**
[13] A1
[51] **Int.Cl. G01N 15/10 (2006.01)**
[25] EN
[54] **FLOW CYTOMETER REMOTE MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE A DISTANCE DE CYTOMETRE DE FLUX**
[72] SALINAS, JAMES J., US
[72] EVANS, KENNETH M., US
[71] INGURAN, LLC, US
[22] 2009-05-01
[41] 2009-11-05
[62] 2,725,423
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[21] **2,964,606**
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[51] **Int.Cl. E21B 47/18 (2012.01) F15B 21/12 (2006.01)**
[25] EN
[54] **FLUID PRESSURE PULSE GENERATING APPARATUS WITH PRIMARY SEAL ASSEMBLY, BACK UP SEAL ASSEMBLY AND PRESSURE COMPENSATION DEVICE AND METHOD OF OPERATING SAME**
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[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[72] SWITZER, DAVID A., CA
[71] EVOLUTION ENGINEERING INC., CA
[22] 2013-12-20
[41] 2014-06-26
[62] 2,895,530
[30] US (61/745,206) 2012-12-21

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[51] **Int.Cl. G01N 15/10 (2006.01) B82Y 35/00 (2011.01) C12M 1/34 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS OF MACROMOLECULAR ANALYSIS USING NANOCHANNEL ARRAYS**
[54] **PROCEDES D'ANALYSE MACROMOLECULAIRE UTILISANT DES RESEAUX DE NANOCANAUX**
[72] CAO, HAN, US
[72] DESHPANDE, PARIKSHIT A., US
[72] AUSTIN, MICHAEL D., US
[72] BOYCE-JACINO, MICHAEL, US
[71] BIONANO GENOMICS, INC., US
[22] 2008-03-28
[41] 2008-10-09
[62] 2,682,275
[30] US (60/908,582) 2007-03-28
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[13] A1
[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **PORTABLE WOUND THERAPY SYSTEM**
[54] **SYSTEME PORTATIF POUR THERAPIE DE BLESSURES**
[72] MULLIGAN, SHARON, US
[72] FINK, DAVID, US
[72] HEAGLE, DAVID, US
[71] SMITH & NEPHEW, INC., US
[22] 2007-09-27
[41] 2008-03-28
[62] 2,604,623
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[54] **A NEURAL EVENT PROCESS**
[54] **PROCEDE A EVENEMENT NEURAL**
[72] LITHGOW, BRIAN J., AU
[71] MONASH UNIVERSITY, AU
[22] 2005-09-01
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[25] EN
[54] **SURGICAL FLUID MANAGEMENT SYSTEM**
[54] **MECANISME DE GESTION DE FLUIDE CHIRURGICAL**
[72] WILLIAMS, JEFFREY B., US
[72] PYLES, KENNETH R., US
[72] CARR, DOUGLAS L., US
[72] TORER, STEVEN J., US
[72] DONATH, EDWARD R., US
[71] THERMEDX, LLC, US
[22] 2010-03-09
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[62] 2,754,773
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[51] **Int.Cl. F01D 25/02 (2006.01) B64D 15/00 (2006.01) B64D 33/02 (2006.01) F02C 7/047 (2006.01)**
[25] EN
[54] **ICE SHED REDUCTION FOR LEADING EDGE STRUCTURES**
[54] **REDUCTION DU DEGIVRAGE POUR STRUCTURES DE BORD D'ATTAQUE**
[72] RAINOUS, EDWARD ATWOOD, US
[72] ALLMON, BARRY LYNN, US
[72] LOEWE, JEFFRE GERRY, US
[72] BROOKS, WILLIAM CLARKE, US
[72] BLANTON, LEE ALAN, US
[72] TUDOR, COURTNEY JAMES, US
[72] BUDINGER, VICKEY SHOWALTER, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2009-02-27
[41] 2009-11-26
[62] 2,722,099
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[51] **Int.Cl. G01N 27/26 (2006.01) G01N 33/48 (2006.01) G01N 33/487 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **OPEN CIRCUIT DELAY DEVICES, SYSTEMS, AND METHODS FOR ANALYTE MEASUREMENT**
[54] **SYSTEMES, METHODES ET DISPOSITIFS DE TEMPORISATION A CIRCUIT OUVERT POUR MESURAGE D'ANALYTE**
[72] KERMANI, MAHYAR Z., US
[72] DOCHERTY, EDWARD, GB
[72] MCINULTY, JOHN, GB
[71] LIFESCAN, INC., US
[22] 2008-07-24
[41] 2009-01-25
[62] 2,638,241
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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 1/20 (2006.01) C12N 1/21 (2006.01) C12N 15/31 (2006.01) C12N 15/57 (2006.01) C12N 15/78 (2006.01) C12P 21/02 (2006.01) C40B 30/00 (2006.01) C40B 40/02 (2006.01)**
[25] EN
[54] **METHOD FOR RAPIDLY SCREENING MICROBIAL HOSTS TO IDENTIFY CERTAIN STRAINS WITH IMPROVED YIELD AND/OR QUALITY IN THE EXPRESSION OF HETEROLOGOUS PROTEINS**
[54] **PROCEDE POUR RAPIDEMENT CRIBLER DES HOTES MICROBIENS ET IDENTIFIER CERTAINES SOUCHES AYANT UN RENDEMENT ET/OU UNE QUALITE D'EXPRESSION DES PROTEINES HETEROLOGUES AMELIORES**
[72] RAMSEIER, THOMAS M., US
[72] COLEMAN, RUSSELL J., US
[72] SCHNEIDER, JANE C., US
[72] HERSHBERGER, CHARLES D., US
[71] PFENEX INC., US
[22] 2008-04-25
[41] 2008-11-06
[62] 2,685,326
[30] US (60/914,361) 2007-04-27

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[13] A1
[51] **Int.Cl. B42D 15/02 (2006.01) F21V 33/00 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **POP-UP GREETING CARDS**
[54] **CARTE DE VOEUX ANIMEE**
[72] SHLONSKY, LYNNE, US
[72] MAYER, DAVID, US
[72] HIGGINS, SEAN, US
[72] SEADLER, TOBY, US
[72] EKLUND, SARAH, US
[71] AMERICAN GREETINGS CORPORATION, US
[22] 2016-02-18
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[62] 2,921,093
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[51] **Int.Cl. A61M 5/46 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **NEEDLE ASSEMBLY WITH NEEDLE INJECTION DEPTH ADJUSTMENT**
[54] **ENSEMBLE AIGUILLE AVEC AJUSTEMENT DE LA PROFONDEUR D'INJECTION DE L'AIGUILLE**
[72] WEST, ROBERT W., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2010-05-17
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[62] 2,799,241

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[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/20 (2011.01) C12P 19/34 (2006.01)**
[25] EN
[54] **QUANTITATING HIGH TITER SAMPLES BY DIGITAL PCR**
[54] **QUANTIFICATION D'ECHANTILLONS AYANT DES TITRES ELEVES PAR PCR NUMERIQUE**
[72] CLEMENS, JOHN M., US
[72] SHAIN, ERIC B., US
[71] ABBOTT MOLECULAR INC., US
[22] 2011-12-27
[41] 2012-07-05
[62] 2,823,193
[30] US (61/427,401) 2010-12-27

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[13] A1
[51] **Int.Cl. E21B 23/00 (2006.01) E21B 17/10 (2006.01) F04B 47/06 (2006.01) F04D 13/08 (2006.01)**
[25] EN
[54] **SUBMERSIBLE PUMP STABILIZATION**
[54] **STABILISATION DE POMPE SUBMERSIBLE**
[72] WATT, ALAN, CA
[71] SUNCOR ENERGY INC., CA
[22] 2014-04-23
[41] 2014-10-23
[62] 2,849,685
[30] US (61/815,213) 2013-04-23

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[21] **2,965,240**
[13] A1
[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/062 (2006.01)**
[25] EN
[54] **INSTRUMENTS FOR DELIVERING TRANSFASCIAL SUTURES AND METHODS OF TRANSFASCIAL SUTURING**
[54] **INSTRUMENTS POUR DELIVRER DES FILS DE SUTURES TRANSFASCIALES ET PROCEDES DE SUTURE TRANSFASCIALE**
[72] ZINITI, DONALD E., US
[72] RANUCCI, KEVIN J., US
[72] CAULDWELL, NATHAN STEWART, US
[72] SINCAVAGE, WILLIAM F., US
[72] DAROIS, ROGER E., US
[71] C.R. BARD, INC., US
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[25] EN
[54] **MODULAR KITCHEN EXHAUST SYSTEM**
[54] **DISPOSITIF D'EVACUATION MODULAIRE POUR CUISINE**
[72] LIVHCAK, ANDREY V., US
[72] SCHROCK, DEREK W., US
[72] SIPILA, OLLI, US
[72] MEREDITH, PHILIP J., US
[72] BEARDSLEE, DARRIN W., US
[72] BAGWELL, RICK A., US
[72] FALLER, ANDREW C., US
[71] OY HALTON GROUP, LTD., FI
[22] 2007-04-18
[41] 2007-10-25
[62] 2,788,491
[30] US (60/745,093) 2006-04-18
[30] US (60/745,276) 2006-04-20

[21] **2,965,303**
[13] A1
[51] **Int.Cl. A61J 7/00 (2006.01) B65B 5/00 (2006.01) B65B 7/00 (2006.01)**
[25] EN
[54] **MEDICINE DISPENSING SYSTEM AND MEDICINE DISPENSING DEVICE**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT, ET DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
[72] YASUNAGA, ITSUO, JP
[72] ASAOKA, CHISEI, JP
[72] OIKE, NORIFUMI, JP
[72] KAMINISHI, KENSUKE, JP
[72] KASUYA, MASAHIKO, JP
[72] TAKEDA, NAKAJI, JP
[72] TSUDA, HIROMICHI, JP
[72] MORITA, YASUYUKI, JP
[72] TAIRA, SHINYA, JP
[72] SUGIMOTO, TOMOHIRO, JP
[72] TOYOTA, NAOMICHI, JP
[71] YUYAMA MFG. CO., LTD., JP
[22] 2008-10-23
[41] 2009-04-30
[62] 2,733,590
[30] JP (2007-274931) 2007-10-23
[30] JP (2007-274932) 2007-10-23
[30] JP (2007-274933) 2007-10-23
[30] JP (2007-274934) 2007-10-23
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[30] JP (2008-240590) 2008-09-19
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CHEN, PENG-SHENG 2,965,149
CHEN, RUI 2,965,552
CHEN, TEDDY 2,964,639
CHEN, WEI 2,965,552
CHEN, WEIMIN 2,962,181
CHEN, YILONG 2,965,549
CHEVY, JULIETTE 2,961,712
CHIESL, THOMAS N. 2,965,361
CHISHOLM, P. SCOTT 2,962,281
CHOUDHURY, NEIL ROY 2,965,470
CHRISTENSEN, ROLF 2,962,108
CHURCHVARA, JEFFREY 2,965,162
CIAVARELLA, NICK ERMANNO 2,961,731
CIJ ENGINEERED PTY LTD 2,965,155
CLARK, TIMOTHY W. 2,964,490
CLARKE, ADAM 2,965,414
CLASON, JAMIE B. 2,960,843
CLAY, MATTHEW C. 2,961,402
CLOCKWORK ESPRESSO LTD. 2,961,955
CMS TECHNOLOGY, INC. 2,960,990
COATES, DAVID A. 2,961,262
COCKER, JOHN J., III 2,964,929
COCU, ARNAUD 2,962,179
COLDWAY 2,961,859
COLDWAY 2,961,861
COLEY, ANDREW M 2,965,170
COLGATE-PALMOLIVE COMPANY 2,951,243
COLORADO STATE UNIVERSITY RESEARCH FOUNDATION 2,965,328
CONSTANTIN, CATALIN MIHAI 2,963,985
CONSTELLIUM ISSOIRE 2,961,712
COOGLER, ALLEN 2,964,951
COOPER TECHNOLOGIES COMPANY 2,964,923
COOPER TECHNOLOGIES COMPANY 2,964,951
COOPER, LAURENCE J.N. 2,964,785
COSTA, EVAN 2,964,001
COSTA, NELSON R. 2,961,615
COTTIN, GUILLAUME 2,963,837
COULSON, SAMANTHA 2,964,971
COULTAS, LEIGH 2,965,173
COUTURE, PIERRE-ANDRE 2,965,176
COVEY, CHRISTOPHER 2,964,756
COVIDIEN LP 2,953,488
COVIDIEN LP 2,964,105
COVINGTON, RUSSELL S. 2,962,263
CRAWFORD, TIMOTHY 2,965,475
CREO MEDICAL LIMITED 2,964,659
CREO MEDICAL LIMITED 2,964,668
CRESTINI, CLAUDIA 2,960,127
CROOKE, STANLEY T. 2,964,979
CROSBY, PETER A. 2,964,686
CRYSTAL, ROGER 2,950,687
CSILLAG, FRANK J. 2,961,512
CSR YANGZE CO., LTD. 2,965,552
CUDZILO, MARTIN 2,959,982
CUI, CHANG HAO 2,961,747
CUI, CHANG HAO 2,962,201
CULLINANE, J. TIM 2,961,594

CUNLIFF, RICHARD 2,964,890
CUNNINGHAM, GAVIN 2,965,155
CURETIS GMBH 2,961,266
CURETIS GMBH 2,962,128
CURTIS, DAMIAN 2,961,505
CUSTERS, ROBERT JAMES 2,961,933
CYTEC INDUSTRIES INC. 2,961,910
D'SILVA, ALBEN 2,965,339
DANENBERG, KATHLEEN 2,965,528
DARFEUIL, PIERRE 2,964,670
DART, CRYSTAL L. 2,964,776
DAS, MARTIN 2,962,105
DAS, MARTIN 2,962,162
DAS, MARTIN 2,962,164
DAS, MARTIN 2,962,305
DAUTREUIL, FRANCIS 2,960,990
DAVIDSON, STUART 2,964,790
DAVIS, JASON 2,961,769
DE GEYTER, NICOLAS 2,961,301
DE MENESES MOUTINHO E HENRIQUES GONCALO, PAULO EDUARDO 2,964,232
DE RIBEROLLES, ESCLARMONDE 2,964,154
DEAC, IOANA 2,964,824
DECASPER, ANTHONY JAMES 2,964,870
DECATHLON 2,961,853
DECKER, STEVEN 2,962,184
DELAPORTE, NICOLAS DANIEL 2,963,853
DELGADO, JUAN 2,965,475
DELTEL, GEOFFROY 2,961,118
DENDROCYTE BIOTECH PTY LTD 2,965,170
DENNEHY, SIMON 2,962,189
DENNESS, KEVIN 2,962,283
DENSON, JESSE 2,953,488
DENTON, RYAN 2,965,159
DERDA, RATMIR 2,965,380
DESCUBES, OLIVIER PIERRE 2,964,024
DESREUMAUX, ANTOINE PATRICE MARIE 2,964,299
DEVITT, ANDREW J. 2,962,898
DEWSON, GRANT 2,965,173
DHAR, PAWAN K. 2,964,985
DI VENERE, MARTINA 2,958,118
DIETSCH, HERVE 2,961,842
DIMMING, PATRIK 2,965,274
DING, KE 2,965,336
DING, SHENG 2,964,968
DIRKS, ANTONIUS JOHANNES 2,961,972
DJUPEVAG, OLAV ASLE 2,961,120
DLVR, INC. 2,964,956
DOBBIN, CHRISTOPHER 2,962,281
DODD, SIMON 2,953,248
DOMAGALA, TERESA 2,965,414
DOMBROWSKI, ALAN R. 2,965,107
DONDERICI, BURKAY 2,964,883
DONYA, GILSON 2,962,179
DOR, ERIC 2,965,012
DORAISWAMY, ANAND 2,965,514
DOTTI, GIANPIETRO 2,965,521
DOW GLOBAL TECHNOLOGIES LLC 2,964,818
DOW GLOBAL TECHNOLOGIES LLC 2,964,828
DOW GLOBAL TECHNOLOGIES LLC 2,964,848
DOWNING, DOMONIQUE 2,964,848
DOYLE, ANTHONY 2,965,414
DRADER, JARED J. 2,965,361
DRAEGER SAFETY AG & CO. KGAA 2,964,020
DREW, DALE 2,964,952
DREXEL UNIVERSITY 2,960,839
DRIES, DAVID JAMES 2,964,473
DRLIK, MARK SASHA 2,964,900
DROUADAINE, YVES 2,962,153
DROUADAINE, YVES 2,962,179
DROUADAINE, YVES 2,962,348
DSM IP ASSETS B.V. 2,961,972
DU, ZHIMIN 2,962,578
DUARTE, TIAGO 2,964,793
DUBOIS, CHARLES J. 2,961,576
DUCREUX, DENIS 2,964,432
DUERR, PETER 2,959,471
DUGAR, DEEPAK 2,964,977
DUNN, JASON THOMAS 2,961,731
DURAND, DIDIER NOEL 2,963,853
DYKO, MARK P. 2,960,843
DYKSTRA, JASON D. 2,964,862
DYKSTRA, JASON D. 2,964,863
DYKSTRA, JASON D. 2,965,289
DYNAMIC VOICE, LLC 2,964,940
EAST CAROLINA UNIVERSITY 2,963,861
EAVES, STEPHEN 2,964,802
EBERL, FRANK 2,961,712
ECCLES, MICHAEL B. 2,960,843
ECOATM, INC. 2,964,214
ECOATM, INC. 2,964,223
EDEN, IBRAHIM 2,964,099
EDWARDS, JEFFREY DAVID 2,960,575
EHRSTROM, JEAN-CHRISTOPHE 2,961,712
EKU POWER DRIVES GMBH 2,964,029
EKU POWER DRIVES GMBH 2,964,034
ELDEN, CHARLES 2,965,140
ELDEN, CHARLES 2,965,156
ELI LILLY AND COMPANY 2,961,262
ELL, JOHN 2,964,818
ELL, JOHN 2,964,828
ELLIG, DANIEL L. 2,965,535
ELLIOTT, ALISON CLARE 2,961,833
ELLISON, GREGORY T. 2,965,337
ELLISON, GREGORY T. 2,965,345
ELLISON, GREGORY T. 2,965,350
ELMIEH, BABACK 2,965,144
EMMETT, JACOB C. 2,964,929
ENGLISH, LEIGH H. 2,964,776
ENI S.P.A. 2,964,697
ENNOX TECHNOLOGY AS 2,964,845
ENVIROLOGIX, INC. 2,965,137
EPLIN, MATTHEW E. 2,960,843
EPWORTH RESEARCH INSTITUTE 2,964,805
EQUISTAR CHEMICALS, LP 2,962,059
ERDMANN, JEREMY JOHN 2,961,593
ERHEL, PHILIPPE 2,962,085
ERHEL, PHILIPPE 2,962,088
ERIKSSON, JOHN AXEL 2,964,779
ERMAN, RANDAL 2,964,214
ERMAN, RANDAL 2,964,223
ESTABROOK, RICHARD M. 2,964,756
ETCHEGOYEN, JUAN PABLO PEREZ 2,965,543
EURUS AIRTECH AB 2,965,489
EVANS, STEPHEN C. 2,964,001
EVRARD, ROMAIN 2,962,057
EXP SERVICES INC. 2,965,554
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,961,594
EZE SHORING (HALIFAX) LIMITED 2,961,546
EZELL, MICHAEL D. 2,964,872
FACEBOOK, INC. 2,965,144
FALARDEAU, BRUNO 2,964,015
FAN, CHUNFANG 2,964,877
FAN, CHUNFANG 2,964,882
FANG, RICHARD 2,964,175
FARIAS, PAVEL 2,965,152
FATHI, REZA 2,965,258
FATOU, BENOIT 2,961,491
FAUSTO, EMILIANO JOSE 2,965,505
FECHO, RICHARD J. 2,961,497
FEDORKA, THOMAS 2,964,756
FEHR, DANA J. 2,960,843
FELDMANN, KEVIN ROBERT 2,965,370
FELZMANN, WOLFGANG 2,965,559
FENG, CHANG-DONG 2,960,530
FERAUD, BENJAMIN 2,962,328
FERGUSON, THOMAS BRUCE, JR. 2,963,861
FERRER VINALS, DANIEL 2,965,380
FIELDS, JASON R. 2,965,309
FIGLER, ROBERT A. 2,965,114
FINE, DAVID H. 2,965,159
FINISTAURI, ALLAN DANIEL 2,961,872
FISHMAN CORPORATION 2,964,932
FISTULA SOLUTION CORPORATION 2,964,473
FLARE DIAGNOSTICS, LLC 2,964,922
FLASINSKI, STANISLAW 2,964,776
FOCSA, CRISTIAN 2,961,491
FORG, CHRISTIAN 2,962,191
FORSBERG, ANDREW T. 2,964,935
FOURNIER, BRIAN 2,965,152
FOURNIER, ISABELLE 2,961,491
FRANCHET, JEAN-MICHEL PATRICK MAURICE 2,961,490
FRANKE, MANFRED 2,965,363
FRANKE, MANFRED 2,965,514
FRANKENBACH, GAYLE MARIE 2,959,434
FRANKENBACH, GAYLE MARIE 2,959,546
FRANKENBACH, GAYLE MARIE 2,959,695
FRANKENBACH, GAYLE MARIE 2,960,394

FRANTZEN, TORSTEIN 2,961,120
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,963,959
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,963,959
FREDERICK, TODD 2,950,781
FREMARQ INNOVATIONS, INC. 2,950,781
FRENKEL, ALEXANDER MICHAEL 2,964,923
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 2,961,831
FRIEDBERGER, TOBIAS 2,964,977
FRITO-LAY NORTH AMERICA, INC. 2,960,946
FRULLONI, EMILIANO 2,961,910
FRYE, MATTHEW RICHARD 2,961,497
FU, XIAORAN 2,964,776
FUCHS, MITCHELL HARVEY 2,961,170
FUJITA, MASAKI 2,965,281
FUKUDA, KOICHIRO 2,965,465
FURLONG, COSME 2,964,001
FUSION TOWER, LLC 2,964,753
GAJRIA, AJAY 2,965,320
GALE, BRUCE K. 2,965,138
GALLAWAY, JOSHUA 2,964,761
GAMERO, LUCAS 2,965,159
GANESAN, KAVITHA 2,964,935
GANTRY RAILING LTD 2,960,752
GARDNER, WILLIAM P. 2,951,929
GARRETT, STEPHEN A. 2,964,901
GATES CORPORATION 2,961,565
GATES CORPORATION 2,964,219
GATSKI, FRANK 2,964,974
GAUGLER, BERND 2,962,126
GAZZALEY, ADAM 2,964,778
GE OIL & GAS ESP, INC. 2,965,313
GELLMAN, BARRY N. 2,965,159
GEN-PROBE INCORPORATED 2,964,930
GENERAL ELECTRIC COMPANY 2,963,914
GENERAL ELECTRIC COMPANY 2,965,370
GENERAL ELECTRIC COMPANY 2,965,375
GENG, XING 2,960,839
GENO LLC 2,965,159
GEORGIA PACIFIC CHEMICALS LLC 2,964,972
GERHOLD, RICHARD ROBERT 2,965,488
GERSZBERG, IRWIN 2,961,170
GEVO, INC. 2,964,762
GIACOMINI S.P.A. 2,961,149
GIBEAU, ELIE 2,962,179
GILBERT, JAMES MICHAEL 2,961,418
GILEAD SCIENCES, INC. 2,962,572
GILEAD SCIENCES, INC. 2,962,578
GILLINGHAM, BRIAN R. 2,965,309
GILLMAN, PETER 2,963,842
GINGRAS, DAVID 2,965,176
GIOELI, DANIEL G. 2,965,114
GISLER, SCOTT WILLIAM 2,961,640
GLAUBER, CARL J. 2,964,947
GLAZNIEKS, DENE W. 2,960,843
GLEASON, PAUL J. 2,965,361
GODREAU, CYRIL 2,964,793
GOJO INDUSTRIES, INC. 2,961,731
GOLDBERG, GUY 2,965,258
GOLLAPUDI, SRIKANT 2,961,512
GONZALEZ, RANDY 2,964,929
GORDON, MICHAEL 2,964,956
GORDT, DENNIS 2,962,098
GORMLEY, NIALL ANTHONY 2,964,799
GORYSHIN, IGOR 2,964,799
GOULD, BENJAMIN D. 2,961,755
GOUTARD, EMMANUEL 2,962,316
GOYETTE, STEVE GEORGE 2,948,942
GRANDY, PATRICK 2,964,051
GRANIER-DEFERRE, CAROLYN 2,964,870
GRANT, ANDREW J. 2,964,951
GRAY, JEFF 2,965,153
GREEN POWER LABS INC. 2,964,806
GREEN, PHILIP DUNCAN 2,961,418
GROFF, RON 2,964,889
GRONGSTAD, MARI SKURDAL 2,961,592
GRUBB, SCOTT 2,964,756
GRUENBACHER, DANA PAUL 2,953,248
GSL SOLUTIONS, INC. 2,964,901
GUANGZHOU INSTITUTES OF BIOMEDICINE AND HEALTH, CHINESE ACADEMY OF SCIENCES 2,965,336
GUDESBLAT, VLADISLAV 2,965,162
GUDESBLAT, YEFIM 2,965,162
GUERNALEC, FREDERIC 2,961,865
GUERRERO, JUAN A. 2,962,578
GUILLEMONT, MAXENCE 2,964,332
GULFSTREAM AEROSPACE CORPORATION 2,964,952
GULLIFORD, CRAIG 2,964,668
GUNDERSON, KEVIN L. 2,964,799
GUNER, BARIS 2,964,883
GUNES, IBRAHIM S. 2,961,615
GUO, HUIMIN 2,964,099
GUPTA, SIDHANT 2,961,194
GUPTE, KAUSTUBH 2,964,848
GUTESMAN, EZEQUIEL DAVID 2,965,505
GUTESMAN, EZEQUIEL DAVID 2,965,543
GUZOV, VICTOR M. 2,964,776
GYMBA OY 2,961,886
HAFEY, CHRISTOPHER 2,964,773
HAGIOPOL, CORNEL 2,964,972
HAIDER, MASOOM 2,964,807
HALKEY-ROBERTS CORPORATION 2,964,916
HALL, JOHN M. 2,960,843
HALL, SAMUEL PIKE, VI 2,963,985
HALL, SEAN 2,964,971
HALLIBURTON ENERGY SERVICES, INC. 2,962,323
HALLIBURTON ENERGY SERVICES, INC. 2,964,862
HALLIBURTON ENERGY SERVICES, INC. 2,964,863
HALLIBURTON ENERGY SERVICES, INC. 2,964,872
HALLIBURTON ENERGY SERVICES, INC. 2,964,873
HALLIBURTON ENERGY SERVICES, INC. 2,964,874
HALLIBURTON ENERGY SERVICES, INC. 2,964,875
HALLIBURTON ENERGY SERVICES, INC. 2,964,876
HALLIBURTON ENERGY SERVICES, INC. 2,964,881
HALLIBURTON ENERGY SERVICES, INC. 2,964,883
HALLIBURTON ENERGY SERVICES, INC. 2,965,284
HALLIBURTON ENERGY SERVICES, INC. 2,965,288
HALLIBURTON ENERGY SERVICES, INC. 2,965,289
HALLIBURTON ENERGY SERVICES, INC. 2,965,333
HALLIBURTON ENERGY SERVICES, INC. 2,965,339
HALLIBURTON ENERGY SERVICES, INC. 2,965,343
HALLIBURTON ENERGY SERVICES, INC. 2,965,470
HAMILTON, DANIEL N. 2,965,514
HAMILTON, PHILIP 2,962,189
HAMMARSKJOLD, CHRISTIAN 2,965,200
HAMMES, JARROD 2,964,223
HAMMOND, MARK 2,964,084
HANADA, MASATAKA 2,965,473
HANCOCK, CHRISTOPHER PAUL 2,964,659
HANCOCK, CHRISTOPHER PAUL 2,964,668
HANNIG, HANS-JURGEN 2,961,989
HANNIS, JAMES C. 2,965,361
HANNIS, ZACHARY T. 2,965,361
HANRION-MONNIER, ELODIE 2,964,870
HANSEN, KNUT 2,964,845
HANSON, ANDREW R. 2,964,929
HARI, NARAYANA 2,948,942
HARIGUCHI, AKIKO 2,965,459
HARNISCHMACHER, GERRIT 2,962,105
HARNISCHMACHER, GERRIT 2,962,162
HARNISCHMACHER, GERRIT 2,962,164
HARNISCHMACHER, GERRIT 2,962,305
HARRISON, BOYD L. 2,964,766
HARRISON, BOYD L. 2,964,898
HARYONO, ERICK 2,965,354
HAUER, ROMAN 2,962,098
HAVAH THERAPEUTICS PTY LTD 2,965,372
HAY, RICHARD THOMAS 2,964,874

HAZARD, MATTHEW 2,961,755
HAZEL, THOMAS 2,964,927
HE, LUYAO 2,965,552
HE, MOLLY 2,964,799
HE, TOM 2,964,143
HE, YAN 2,965,552
HEIN HOERNIG, RICARDO OLIVER 2,965,441
HEIN, HANS CHRISTIAN 2,965,441
HELMER, GREGORY 2,965,317
HEMOSHEAR, LLC 2,965,114
HENAULT, LUC 2,965,176
HENRY COMPANY, LLC 2,961,663
HENRY COMPANY, LLC 2,961,666
HERAUD, PHILLIP 2,965,539
HERRINGTON, DOUGLAS JAMES 2,963,985
HESTENES HANSEN, JOHN A. 2,964,845
HEXIMA LIMITED 2,965,187
HILL, JAMES L. 2,960,843
HILTI AKTIENGESELLSCHAFT 2,962,191
HIRAMINE, YASUSHI 2,965,248
HIRANAKA, TAKASHI 2,922,128
HIRSCHMAN, CHARLES BRENT 2,961,192
HITACHI CONSTRUCTION MACHINERY CO., LTD. 2,961,527
HO, DOREN HUI PING 2,965,284
HOEKSTRA, TIMOTHY JAMES 2,953,248
HOFSTADLER, STEVEN A. 2,965,361
HOLLINGSHEAD, JUDITH ANN 2,959,434
HOLLINGSHEAD, JUDITH ANN 2,959,546
HOLLINGSHEAD, JUDITH ANN 2,959,695
HOLLINGSHEAD, JUDITH ANN 2,960,394
HOLMES, SANDRA MAY BERNADETTE 2,964,668
HONDA MOTOR CO., LTD. 2,964,841
HOOPER, GREGORY 2,965,545
HOPKINS, JOSHUA 2,965,159
HOPKINS, TIMOTHY 2,962,184
HORENZIAK, STEVEN ANTHONY 2,959,434
HORENZIAK, STEVEN ANTHONY 2,959,546
HORENZIAK, STEVEN ANTHONY 2,959,695
HORENZIAK, STEVEN ANTHONY 2,960,394
HORNMAN, JOHAN CORNELIS 2,961,201
HOTALING, JIM 2,965,138
HOULE, DENIS 2,965,245
HOWE, ARLENE R. 2,964,776
HOWELL, STEVEN ALAN 2,965,313
HU, FENGSHUO 2,960,839
HU, LINA 2,965,167
HU, LINA 2,965,168
HU, LINA 2,965,376
HU, SHUCHUAN 2,965,549
HUAWEI TECHNOLOGIES CO., LTD. 2,965,381
HUBBELL INCORPORATED 2,964,770
HUBER, MARTIN 2,964,790
HUDSON, JOSEPH 2,964,105
HULS, HELEN 2,964,785
HUNT, DAVID S. 2,953,248
HUPPERT, JOCHEN 2,961,831
HYATT, SETH 2,960,990
HYNNA, KAI MICHAEL 2,958,766
IBIS BIOSCIENCES, INC. 2,964,937
IBIS BIOSCIENCES, INC. 2,965,361
ICOMERA AB 2,964,851
ILLINOIS TOOL WORKS INC. 2,951,929
ILLINOIS TOOL WORKS INC. 2,961,593
ILLINOIS TOOL WORKS INC. 2,961,797
ILLINOIS TOOL WORKS INC. 2,961,962
ILLINOIS TOOL WORKS INC. 2,963,677
ILLUMINA CAMBRIDGE LIMITED 2,964,799
IM, WAN TAEK 2,961,747
IMDEX GLOBAL B.V. 2,965,158
IMV TECHNOLOGIES 2,964,154
INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION 2,965,149
INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION 2,965,550
INFINITY RETRACTABLE SCREENS PTY LTD 2,964,990
INNOVECO AUSTRALIA PTY. LTD. 2,965,441
INTELLIGENT SYNTHETIC BIOLOGY CENTER 2,961,747
INTELLIGENT SYNTHETIC BIOLOGY CENTER 2,962,201
INTELLIGENT SYNTHETIC BIOLOGY CENTER 2,962,204
INTERNATIONAL CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY 2,959,280
INTERSCOPE, INC. 2,964,001
INTILE, JOSEPH 2,964,901
INTUIT INC. 2,948,942
INUI, YOJI 2,965,106
INVENTORYTECH LIMITED 2,963,842
IOANNOU, AVGOUSTA 2,964,799
IONIS PHARMACEUTICALS, INC. 2,964,979
IRIGOYEN, JEROME 2,962,202
ISYS MEDIZINTECHNIK GMBH 2,964,184
JAASKELAINEN, MIKKO 2,964,881
JAAX, KRISTEN N. 2,964,686
JABBAL, GURU 2,965,158
JACKSON, ROSAMOND 2,964,799
JACOBS, KENNETH MICHAEL 2,963,861
JAIS, ALEXANDRE 2,965,144
JAMES, KENNETH A. 2,965,367
JAMISON, DALE E. 2,964,873
JAMISON, DALE E. 2,965,333
JARRETT, ROBERT J. 2,964,175
JASEMIAN, BABAK 2,962,184
JENA, BIPULENDU 2,964,785
JENKINS, GARETH 2,964,799
JENNINGS, CLIFFORD ALLEN 2,965,098
JFE STEEL CORPORATION 2,964,849
JI, ZHENGGAN 2,965,395
JIANG, GUANGQIANG 2,964,143
JIAO, DA 2,965,488
JIN, SHENGWEN 2,964,893
JMD INNOVATION INC. 2,965,167
JMD INNOVATION INC. 2,965,168
JMD INNOVATION INC. 2,965,376
JOHANNSSON, THROSTUR RUNAR 2,964,838
JOHANSSON, JOAKIM 2,965,274
JOHE, KARL K. 2,964,927
JOHNSON, ANTHONY FRANCIS 2,962,132
JOHNSON, BRIAN B. 2,964,756
JOHNSON, BRIAN J. 2,965,159
JOHNSTON, JAMES W. 2,964,972
JONAH, KEVIN BRADLEY 2,962,283
JONES, MITCHELL LAWRENCE 2,964,900
JONES, STEPHEN 2,965,288
JOSEPH, SAJAN 2,961,262
JUDICE, STEPHEN A. 2,965,137
JUNE, CARL H. 2,964,948
JUNE, CARL H. 2,964,953
JUNE, CARL H. 2,964,958
JUNOR, PAUL 2,964,805
JUNTUNEN, KARI 2,965,080
JUSTIN, RONALD LANCE 2,965,140
JUSTIN, RONALD LANCE 2,965,156
KADABA, BHARATH 2,948,942
KADOWAKI, KOJI 2,965,281
KALLER, MARTIN 2,962,105
KALLER, MARTIN 2,962,162
KALLER, MARTIN 2,962,164
KALLER, MARTIN 2,962,305
KAMAURA, MASAHIRO 2,965,465
KAMPF, JAMES PATRICK 2,965,153
KANDULA, MAHESH 2,965,449
KANEKO, TAKAYUKI 2,965,281
KANG, JI IN 2,962,201
KANSAI PAINT CO., LTD. 2,965,103
KAPLAN, JOSHUA A. 2,962,578
KARLSEN, MARIUS 2,961,592
KARLSSON, MATS 2,964,851
KARRO, JARED 2,965,140
KARRO, JARED 2,965,156
KASTING, THOMAS P. 2,964,819
KATKAR, AMOL SURYAKANT 2,965,315
KAUKONIEMI, OTTO-VILLE 2,965,436
KAWASH, SAMEER 2,960,803
KAZAMA, HIDEKI 2,965,106
KEEGAN, FINTAN 2,950,687
KELLER, ANDREAS 2,961,266
KELLNER, JUSTIN 2,962,071
KENG, BRIAN JIA-LEI 2,964,995
KENG, BRIAN JIA-LEI 2,964,997

KEOWN, WILLIAM JAMES 2,961,737
KERLFELD, CHRISTINE 2,961,841
KEUSCHNIG, JOCHEN 2,962,128
KEW, JIA MING 2,965,284
KHAKDAMAN, HAMIDREZA 2,962,281
KHANARIAN, GARO 2,961,842
KHANNA, NAVIN 2,959,280
KIA, AMIRALI 2,964,799
KIDDOO, MICHAEL R. 2,960,803
KIM, EDWARD DONG-JIN 2,964,995
KIM, EDWARD DONG-JIN 2,964,997
KIM, HO MIN 2,962,201
KIM, KYOUNG-SIC 2,964,532
KIM, SUN CHANG 2,961,747
KIM, SUN CHANG 2,962,201
KIM, SUN CHANG 2,962,204
KIMURA, KANAME 2,965,459
KINDARA, INC. 2,964,854
KINDBEITER, FRANCIS 2,961,859
KINDBEITER, FRANCIS 2,961,861
KING, SCOTT B. 2,964,807
KIRENKO, IHOR OLEHOVYCH 2,964,423
KISER, AARON 2,964,788
KITOV, PAVEL 2,965,380
KLEIN, GILLES CHARLES CASIMIR 2,961,490
KLEIN, MANFRED 2,962,191
KNAUER, WILLIAM 2,964,769
KNIGHT, SIMON CHRISTOPHER 2,964,819
KNOP, KLAUS 2,964,850
KNOPP, STEVEN 2,964,908
KNOX, JOHN E., JR. 2,962,578
KNUCKEY, LAWRIE 2,964,805
KOBAYASHI, TAKUMA 2,965,102
KOGLER, MARKUS 2,962,191
KOHL, EDWIN 2,960,322
KOIVUROVA, HEIKKI 2,961,886
KOMATH, SHYAM PRASAD 2,961,512
KOMATSU LTD. 2,922,128
KONDO, HITOSHI 2,965,106
KONINKLIJKE PHILIPS N.V. 2,964,423
KOOPMAN, MARK ANTHONY 2,965,365
KOSTROV, SERGEY A. 2,964,954
KOUDELKA, JEREMY JOSEPH 2,965,374
KOURTAKIS, KOSTANTINOS 2,961,576
KRAFT FOODS R&D, INC. 2,948,987
KREHEL, GREGG 2,965,152
KRONE, DOUGLAS J. 2,964,935
KRUEGER, JEFFREY 2,965,200
KUGA, CHISA 2,965,281
KUHNER, ANDREAS 2,961,842
KUIJPERS, TACO WILLEM 2,958,537
KULKARNI, PALLAVI 2,965,525
KULKARNI, VIJAY 2,961,445
KUNIN, DAVID BEN 2,965,496
KUNNARI, VESA 2,965,436
KUREHA CORPORATION 2,965,102
KURIAN, MERRIN 2,948,942
KUWAHARA, ATSUSHI 2,965,248
KUWANA, YUJI 2,965,219
KUZMA, JANUSZ 2,965,363
KWAN, THOMAS 2,965,153
KYB CORPORATION 2,964,841
KYLE, MATHEW 2,964,753
KYORIN-PHARMACEUTICAL CO., LTD. 2,965,473
KYOWA HAKKO KIRIN CO., LTD. 2,965,459
LA SCALA, JOHN J. 2,960,839
LA TROBE UNIVERSITY 2,964,805
LABBE, ALAIN 2,964,900
LAFERRIERE, PASCAL 2,965,374
LALLEMAND, FABRICE 2,962,057
LALUET, JEAN-YVES 2,965,012
LANDMARK GRAPHICS CORPORATION 2,964,893
LANG, CHRISTIAN 2,962,010
LANG, NINA 2,962,010
LANGE, HEIKO 2,960,127
LANGFORD, STEPHEN 2,960,093
LANGFORD, STEPHEN 2,960,107
LANGFORD, STEPHEN 2,962,202
LANKOWSKI, SHAWN 2,965,525
LASERBOND LIMITED 2,965,545
LE DUIGOU, LOIC 2,963,694
LE ROY, SEBASTIEN 2,965,012
LEADER, IAN PHILIP 2,954,223
LEBER, GERALD 2,961,407
LEBERFINGER, MARCUS 2,961,841
LEE, SANG WOOK 2,964,944
LEE, SOON JANG 2,962,204
LEE, TAMMY KEE-WAI 2,958,766
LEI, DEQING 2,961,639
LEI, QINGPING 2,965,552
LEMAITRE, BENOIT 2,961,853
LENGAUER, HANNES 2,965,559
LENZI, FIORENZO 2,961,910
LEQUIPPE, GUILLAUME 2,960,811
LERNER, RICHARD A. 2,964,895
LETEXIER, DAMIEN 2,961,118
LEVEL 3 COMMUNICATIONS, LLC 2,965,337
LEVEL 3 COMMUNICATIONS, LLC 2,965,345
LEVEL 3 COMMUNICATIONS, LLC 2,965,350
LEVERT, MICHAEL F., JR. 2,964,929
LEVESQUE, STEPHANE 2,965,107
LEVITT, HARRY 2,964,906
LEYVA, ROBERT 2,965,475
LI, BIAO 2,965,388
LI, HUAFENG 2,965,167
LI, HUAFENG 2,965,168
LI, HUAFENG 2,965,376
LI, JIANBO 2,965,393
LI, WEN 2,965,378
LI, ZHEN 2,963,713
LIANG, QI 2,965,343
LIANG, XUE-HAI 2,964,979
LIBRIZZI, MICHAEL 2,964,214
LIFE ROBOTICS INC. 2,965,099
LIN, BO 2,965,381
LIN, HUNG YU 2,964,807
LIN, LIANGCAI 2,965,552
LINDHOUT, DARRIN ANTHONY 2,964,782
LIQUID GENOMICS, INC. 2,965,528
LISNR, INC. 2,964,769
LIU, CELINE 2,960,093
LIU, CELINE 2,960,107
LIU, JUNXIANG 2,965,552
LIU, XIAOJUN 2,964,948
LIU, XIAOJUN 2,964,953
LIU, XIAOJUN 2,964,958
LIU, YI 2,965,388
LIU, YU 2,965,488
LO, JENNIFER R. 2,962,578
LOKLING, KNUT-EGIL 2,961,592
LONZA, INC. 2,961,639
LOONTJENS, JACOBUS ANTONIUS 2,961,972
LOPEZ, JORGE LUIS 2,961,201
LOPEZ, JOSE ANDRES GONZALEZ 2,961,418
LORD, GARFIELD R. 2,965,001
LORD, GARFIELD R. 2,965,076
LORETH, ANDRZEJ 2,965,489
LOUDIN, JAMES 2,965,129
LOUDIN, JAMES DONALD 2,965,363
LOUDIN, JAMES DONALD 2,965,514
LOUIE, SHELTON 2,964,901
LOWE, HARRY 2,964,802
LOZINSKY, CLINT PAUL 2,962,323
LUBRIZOL ADVANCED MATERIALS, INC. 2,965,525
LUO, LI 2,965,399
LUX, JOHANNA 2,959,658
LV, BO 2,964,818
LV, BO 2,964,828
M2M AND IOT TECHNOLOGIES, LLC 2,965,119
MAASTRICHT UNIVERSITY 2,961,972
MACGLASHAN, DONALD WELTON, JR. 2,964,922
MACHIZAUD, JACQUES 2,961,728
MACK RIDES GMBH & CO. KG 2,962,098
MACKAL, GLENN H. 2,964,916
MACLEOD, JOHN B. 2,964,940
MACMARTIN, ROBERT BRUCE 2,948,942
MAGNA SEATING INC. 2,961,769
MAGNA SEATING INC. 2,961,790
MAGNAUDEIX, DOMINIQUE MICHEL SERGE 2,961,490
MAHFOUD, ABDERRAHMAN 2,965,554
MAIDER, RALPH K. 2,964,756
MAILE, FRANK J. 2,962,010
MAINSTAY MEDICAL LIMITED 2,964,686
MAKINEN, ESA 2,960,082
MALIARDI, ALBERTO 2,964,697
MALIK, GIRIK 2,964,985
MALONEY, VENDA 2,951,243
MANDELL, KENNETH J. 2,965,129
MANFORD, FERGUS 2,960,694
MANJUNATHA, DIBBUR NARASIMHA MURTHY RAO 2,961,512
MANZER, LEO E. 2,964,762
MARCHANT, NANCY S. 2,965,525

MARCONI, PATRICK 2,962,202
MARCONI, PATRICK 2,963,837
MARCONI, PATRICK 2,964,670
MARCOUX, MICHAEL W. 2,964,001
MARCOVECCHIO, ALAN 2,965,537
MARMO ARREDO S.P.A. 2,962,177
MARTI, NICOLAS 2,960,093
MARTI, NICOLAS 2,960,107
MARTIN, CARL 2,962,071
MARTIN, MIREIA 2,965,525
MARTINEZ BOTELLA, GABRIEL 2,964,766
MARTINEZ BOTELLA, GABRIEL 2,964,898
MARTZ, ERIK O. 2,964,935
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,964,861
MASSEY-BROOKER, ANJU 2,960,127
MASTRI, DOMINICK 2,964,627
MATEEVA, ALBENA ALEXANDROVA 2,961,201
MATHIEU, ANTOINE 2,962,328
MATHIS, PASCAL 2,961,831
MATIASH, NICHOLAS A. 2,961,962
MATWIY, JAROD 2,964,807
MAVI SUD S.R.L 2,960,127
MAZZARELLA, JOSEPH R. 2,965,318
MCALPINE & CO LIMITED 2,962,347
MCALPINE, JAMES EDWARD 2,962,347
MCARTHUR, GREGORY R. 2,964,490
MCCORMACK, DEREK 2,961,833
MCCREIGHT, ROBERT JOSEPH, JR. 2,965,507
MCDANIEL, CATO RUSSELL 2,965,333
MCDONALD, SIMON P. 2,964,912
MCDOUGAL NOLAN T. 2,964,848
MCGEEHAN, SEAN 2,965,537
MCGUIRE, NICHOLAS 2,964,762
MCILDOWIE, MATTHEW JAMES 2,960,575
MCINTURF, BRENT 2,964,889
MCKENDRICK, CHRISTOPHER 2,962,347
MCLACHLAN, MATTHEW MURDOCH WOODHEAD 2,961,833
MCLEOD, EMMA 2,948,987
MCMILLEN, WILLIAM T. 2,961,262
MCNEILL, PHILIP C. 2,961,640
MCPHERSON, PAUL 2,965,153
MECCIA, JOHN 2,960,990
MEDLAB IP PTY LTD 2,964,971
MEDTRONIC CRYOCATH LP 2,964,824
MEDTRONIC MINIMED, INC. 2,963,912
MEGGITT AIRCRAFT BRAKING SYSTEMS 2,960,843
MEGGITT TRAINING SYSTEMS, INC. (MTSI) 2,965,378
MEHNERT, JOHN C. 2,951,929
MEI, KUN 2,965,552
MELIN, JOHANNA WOLLERT 2,964,779
MELOT, JEAN-MARIE 2,962,057
MENDEZ, SANDRA 2,965,525
MERCIER, LAUREN GINA 2,965,079
MERILAINEN, HANNA-MARI 2,965,080
MERIT MEDICAL SYSTEMS, INC. 2,964,490
MERTEN, MATTHIAS 2,964,930
MEULEMAN, WOUTER 2,964,799
MIAO, GUOWANG 2,965,527
MICHAL, J. COREY 2,964,756
MICROSOFT CORPORATION 2,964,099
MICROSOFT TECHNOLOGY LICENSING, LLC 2,964,175
MILLER, HAROLD ROY 2,965,177
MINER ENTERPRISES, INC. 2,965,367
MINHAS, BHUPENDER S. 2,961,594
MIRICA, KATHERINE 2,964,861
MITCHELL, SCOTT A. 2,962,578
MITTON VALVE TECHNOLOGY INC. 2,964,993
MITTON, MICHAEL JON 2,964,993
MIWA, MASAHIRO 2,964,841
MIYAZAKI, YOSHIKAZU 2,965,473
MOFFA, MICHAEL D. 2,965,200
MOINE, BERTRAND 2,963,837
MOISE, LUCIAN 2,948,987
MOLASCHI, CLAUDIO 2,964,697
MONASH UNIVERSITY 2,965,539
MONSANTO TECHNOLOGY LLC 2,964,776
MONSON, NANCY 2,965,327
MONTALVO, SUSAN MCCONNELL 2,963,912
MONTGOMERY, PETER JAMES 2,963,842
MONTOYA, CATHERINE 2,965,354
MOORE, ROGER KENNETH 2,961,418
MOOSAVIAN, AMIN 2,961,872
MORELLI, BORIS 2,962,328
MORGANTI, PIEREFRANCESCO 2,960,127
MORGENSTERN, JAY P. 2,964,776
MORRELL, NATALIE 2,964,799
MORRIS, STEVEN 2,964,659
MORRIS, STEVEN 2,964,668
MORTIER, TODD J. 2,964,935
MOTION COMPOSITES INC 2,965,176
MOTIVE DRILLING TECHNOLOGIES INC. 2,964,639
MOTLEY, STANLEY 2,964,937
MOZER, LAURENT 2,959,658
MULLER, EDGAR 2,962,135
MULLER, PABLO 2,965,543
MULLER, THOMAS 2,962,010
MULTI-CHEM GROUP, LLC 2,964,877
MULTI-CHEM GROUP, LLC 2,964,882
MURPHY, KRISTIN 2,965,138
MUSSONE, PAOLO GIUSEPPE 2,965,079
MUTUALINK, INC. 2,965,318
NADUTHAMBI, DEVAN 2,962,578
NAIR SREEJIT 2,964,848
NAKAMURA, KEVIN 2,965,153
NAM, JEONG KWANG 2,965,354
NATIONAL RESEARCH COUNCIL OF CANADA 2,964,807
NAVEEN, VELLIAMKATTUPUDUR SAMIAPPAN 2,961,512
NAVET, BENJAMINE 2,961,865
NCM INNOVATIONS (PTY) LTD 2,961,933
NELSON, STEPHEN L. 2,965,309
NESTE OYJ 2,965,082
NEURALSTEM, INC. 2,964,927
NEVILLE, KEVIN 2,964,890
NEW WAY MACHINE COMPONENTS, INC. 2,962,898
NG, SIMON 2,965,380
NGM BIOPHARMACEUTICALS, INC. 2,964,782
NGUYEN, HOANG MINH 2,960,530
NIPPON SUISAN KAISHA, LTD. 2,962,181
NISSAN MOTOR CO., LTD. 2,965,097
NISTA, ALESSIO 2,964,697
NISTER, DAVID ZACHRIS 2,964,099
NIX, JOHN A. 2,965,119
NOE, PAUL E. 2,961,402
NORBERG, STEVEN J. 2,964,799
NORDGREN, ASA SJOBLOM 2,964,779
NORSTAD, TIM P. 2,965,309
NOV-BLM 2,961,707
NOVA CHEMICALS (INTERNATIONAL) S.A. 2,962,281
NUCLEUSHEALTH, LLC 2,964,773
NYCE, MICHAEL 2,964,761
O'MALLEY, NICHOLAS 2,961,737
OBST, ANDREW THOMAS 2,964,473
OBST, MARYANNE RUTH 2,964,473
OCEAN CLEANER, LLC 2,962,263
OCEANEERING INTERNATIONAL, INC. 2,965,098
OCULEVE, INC. 2,965,363
OCULEVE, INC. 2,965,514
ODEKERKEN, JIM C.E. 2,961,972
OGATA, NAOYA 2,965,278
OGAWA, SHINYA 2,965,459
OGAWA, TOSHITAKA 2,965,219
OHGREN, MIKAEL 2,965,274
OHTA, YASUTAKA 2,964,841
OLIVARES, SIMON 2,964,785
OLSON, CHARLES V. 2,964,782
OMYA INTERNATIONAL AG 2,960,866
OMYA INTERNATIONAL AG 2,962,316
ONAPSIS, INC. 2,965,505
ONAPSIS, INC. 2,965,543
ONO PHARMACEUTICAL CO., LTD. 2,965,467
OPIANT PHARMACEUTICALS 2,950,687
ORTHOSOFT INC. 2,964,015
ORYXEIO INGENIERIA LIMITADA 2,965,441
OTT, KAI 2,965,158
OTTOLINI, RICHARD 2,964,893
OWEN OIL TOOLS LP 2,961,402
OYSTER POINT PHARMA, INC. 2,965,129
PADMANABHAN, BABU 2,961,445
PADMANABHAN, KANCHANA 2,964,995
PAETOW, MARIO 2,962,191

PAI, YOGISH 2,948,942
PALAN, SAURABH 2,965,144
PALMESE, GIUSEPPE R. 2,960,839
PALUDAN RATGEN, FELIX 2,962,309
PANTHER, ALEX 2,965,437
PANTOJA, RIGO 2,964,799
PAPE, ANDRE 2,964,020
PARADIS, FRANCOIS 2,964,015
PARFITT, RICHARD 2,965,158
PARK, CHAN BAE 2,962,204
PARKER, BRECK 2,965,137
PARKER, DAVID VICKERY 2,963,914
PARKER-HANNIFIN CORPORATION 2,961,497
PARR, ERIC 2,960,803
PARTHASARATHY, SARAVANAN 2,961,262
PASSEMATO, JAMES 2,964,756
PATEL, ATAL 2,962,184
PATEL, KRINA 2,964,785
PATEL, NISHANK R. 2,951,929
PATEL, SHWETAK N. 2,961,194
PATERSON, YVONNE 2,964,764
PAVLOVSKI, ALEXANDRE 2,964,806
PEI, HUAXING 2,961,262
PELLETIER, BENOIT 2,964,015
PELLETIER, SEBASTIEN 2,959,658
PELOSO, MATTHEW 2,965,490
PELOSO, MATTHEW 2,965,492
PENG, YANG 2,964,877
PENG, YANG 2,964,882
PENG, ZHIYONG 2,963,861
PERCH DYNAMIC SOLUTIONS LIMITED 2,962,189
PEREZ-GUAITA, DAVID 2,965,539
PETERS, LARS 2,965,137
PETERSON, PETER RAE 2,964,756
PETITDEMANGE, ARNAUD 2,959,658
PFAB, ROBERT JOSEPH 2,964,850
PHARMAQ AS 2,961,592
PHILLIPS, BARTON W. 2,962,578
PHOENIX INTERACTIVE DESIGN, INC. 2,965,365
PHOTONIS FRANCE 2,961,118
PHYU, MAY HNIN 2,965,354
PIECH, FABIAN 2,962,010
PINELINE OY 2,960,082
PIOTREK CO., LTD. 2,965,278
PLOETNER, JEFFREY 2,964,214
PLOETNER, JEFFREY 2,964,223
POHL, MICHAEL 2,962,316
POKHOLOK, DMITRY K. 2,964,799
POLAKOVA, LENKA 2,963,582
POLARIS INDUSTRIES INC. 2,965,309
POLLARD, MATTHEW 2,965,414
POLONEN, JARMO 2,961,886
POTTER, BENJAMIN O. 2,961,402
POUMAREDE, VINCENT 2,963,837
POUW, RICHARD BENJAMIN 2,958,537
PRATT, DAN W. 2,961,402
PRESTON, SHAUN 2,964,659
PRINCIPLE POWER, INC. 2,964,793
PRITCHETT, DAVID JOHN 2,964,819
PROCH MCMECHAN, CHRISTIAN TERRY 2,964,900
PROCTER & GAMBLE INTERNATIONAL OPERATIONS SA 2,960,127
PROGENITY, INC. 2,964,900
PROPER, SCOTT THEODORE 2,961,731
PROZESKE, TIMO 2,961,841
PRUNERA-USACH, STEPHANE 2,964,332
PURANEN, TERHI 2,965,080
PY, JEAN-MICHEL PIERRE CLAUDE 2,964,024
QBO COFFEE GMBH 2,961,857
QBO COFFEE GMBH 2,961,864
QU, LIANGWEI 2,964,877
QUALI-FRIT INC. 2,965,553
QUANTAPORE, INC. 2,964,790
QUERTECH INGENIERIE 2,961,865
QUINN, CHARLES 2,964,909
QUINTAO DUARTE SILVA, FRANCISCO DIOGO 2,964,232
RACHET, VINCENT 2,960,811
RAINER, CHRISTIAN 2,962,316
RAJENDRAN, PRASHANTH 2,962,854
RAJENDRAN, RAJA RAMANUJAM 2,962,854
RAMASAMY, VISWANATHAN 2,959,280
RAMESH, AKSHAY 2,961,512
RAPHAELSON, STEVEN 2,964,756
RAPISARDI, JULIAN 2,965,543
RATHOD, TEJAL 2,961,848
RAVNSBAK, JENS BOMHOLDT 2,964,861
RAWAT, PRASHANT B. 2,964,686
RAYNER, MARK DOUGLAS 2,965,488
REBH, WILLIAM R., JR. 2,964,001
REDHILL BIOPHARMA LTD. 2,965,258
REDL, FRANZ XAVER 2,961,841
REEVES, BRIAN PAUL 2,965,313
REGHEZZA, PATRICK JEAN-LOUIS 2,964,299
REGULUS SOLUTIONS INC. 2,965,194
REINZ-DICHTUNGS-GMBH 2,962,126
REITER, FERNANDO 2,965,370
REN, HUINAN 2,963,985
REN, JIANGTAO 2,964,948
REN, JIANGTAO 2,964,953
REN, XIAOMEI 2,965,336
REN, YIQING 2,964,893
RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK 2,964,761
RESTUCCIA, CARMELO LUCA 2,961,910
REYNOLDS, MATTHEW S. 2,961,194
RICHARDS, JAMES C. 2,964,765
RICHARDSON, ADRIAN ROBIN 2,961,737
RIEKE PACKAGING SYSTEMS LIMITED 2,964,819
RIGAUD, LAURENT 2,961,859
RIGAUD, LAURENT 2,961,861
RIJK, LLEWELLYN 2,961,972
RIKEN 2,965,248
RINGOLD, CLAY E. 2,964,972
RIVLIN, YAIR 2,963,985
ROBBERTS, ANDREW ALEXANDER 2,965,144
ROBERT, FRANCK 2,961,118
ROBERTS, ANTHONY GERARD 2,964,990
ROBERTS, JAMES K. 2,964,776
ROBICHAUD, ALBERT JEAN 2,964,766
ROBICHAUD, ALBERT JEAN 2,964,898
RODGERS, JOSEPH 2,961,755
ROELOFS, MARK GERRIT 2,961,576
ROHM AND HAAS COMPANY 2,964,818
ROHM AND HAAS COMPANY 2,964,828
ROINE, JUHO 2,960,082
ROIZARD, XAVIER 2,962,057
ROSA, VIRGINIE 2,964,154
ROSATI, ROBERT 2,964,930
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